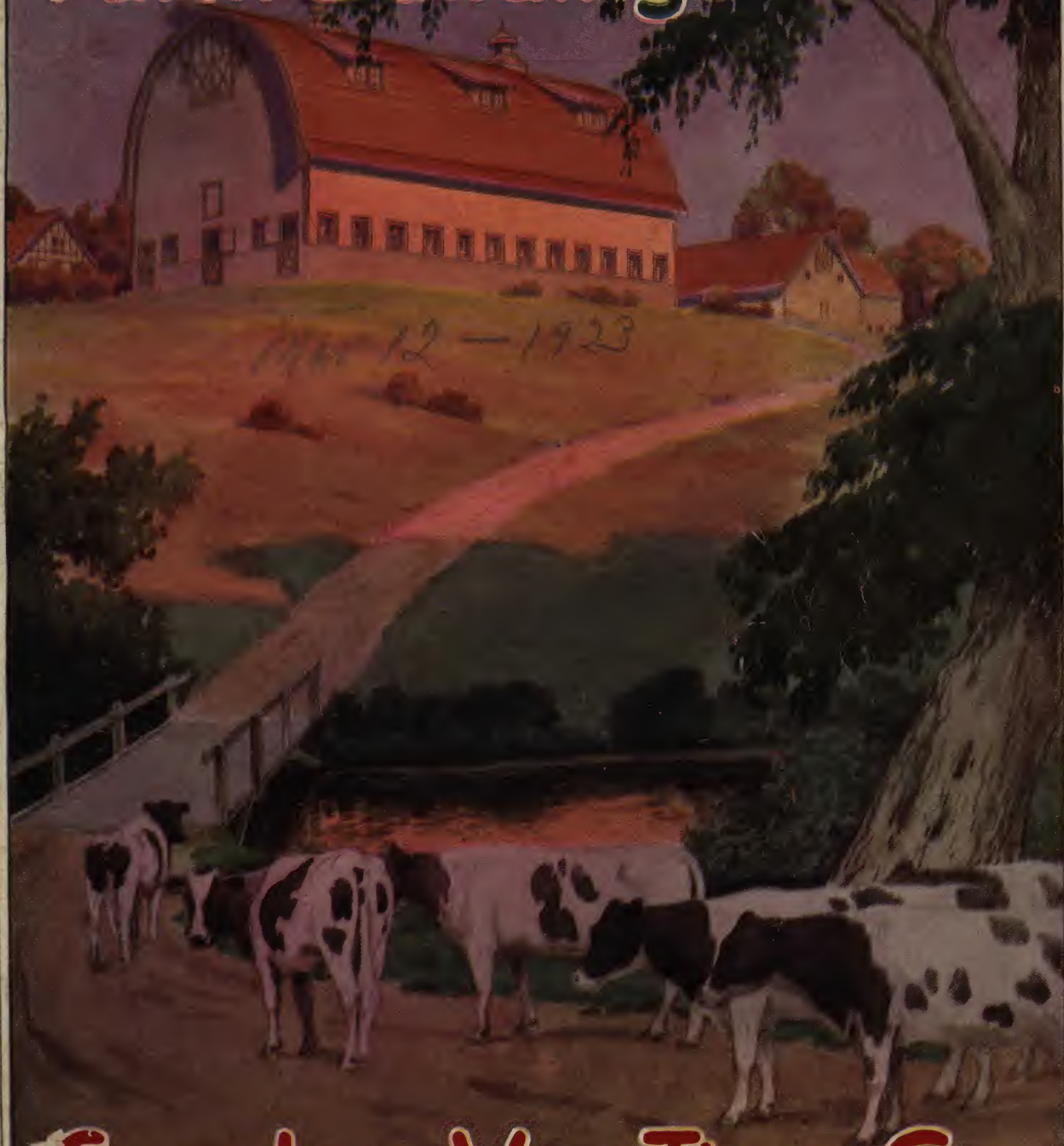


Farm Buildings



May 12 - 1923

Gordon-Van Tine Co.

Davenport, Iowa.

Vouch For Us!

May 3, 1912.

The officers of this Company are well and favorably known to us and may be relied upon to do exactly as they agree.

Yours truly,

Truly,
Ernest
President

CAPITAL AND SURPLUS \$300,000.00
DAVENPORT, IOWA.

MAY 3, 1917.

To their patrons we are pleased to say that you are perfectly safe in sending money with your orders, as the Company rightfully enjoys a reputation of reliability, and will return your money if its goods are not entirely satisfactory to you.

Yours truly,

truly,
Chiles
President

F H BARTMEYER, President
W O WEIR, Vice President

CAPITAL
\$ 200.000 00
SURPLUS & PROFIT
\$ 200.000 00

WILLIAM HEUER, CARPENTER
ALBERT JARBER, ASST. CARP.

DAVENPORT, IOWA,
May 3, 1917.

To whom it may concern:

The officers of the GORDON-VAN TINE COMPANY have a well deserved reputation for fair dealing and conservatism, and from our acquaintance with them, we believe that absolute reliance may be placed in their statements.

Very truly yours,
D. J. C.

F. H. Bartemeyer
President

Prices of Buildings Shown in This Book

THESE prices are guaranteed to include sufficient material to build these buildings according to the plans and specifications. Refer to pages 16 and 17 for specifications and to page shown below the plan number for description and illustration.

All buildings sold Ready-Framed only (see page 8). To secure Free Plans, use Information Blank enclosed with this book.

PRICES ON BARN S

Barn No. 401

Standard Specifications, Description on page 27.

Width, Length and Height of Stud	Price Ready-Framed	Extra for factory built Rafters (See page 22)	Hay Mow Capacity—Tons
28x30x10	\$ 851.00	\$ 46.20	22
28x36x10	941.00	54.60	26
28x42x10	1031.00	63.00	30
28x48x10	1121.00	71.40	34
28x54x10	1211.00	79.80	38
30x36x12	1031.00	54.60	34
30x42x12	1140.00	63.00	40
30x48x12	1249.00	71.40	45
30x54x12	1358.00	79.80	51
30x60x12	1467.00	88.20	57
32x36x12	1095.00	54.60	38
32x42x12	1208.00	63.00	45
32x48x12	1296.00	71.40	52
32x54x12	1434.00	79.80	59
32x60x12	1547.00	88.20	66
32x66x12	1660.00	96.60	73
32x72x12	1773.00	105.00	80
34x48x14	1434.00	71.40	62
34x54x14	1558.00	79.80	70
34x60x14	1682.00	88.20	78
34x66x14	1806.00	96.60	87
34x72x14	1930.00	105.00	95
36x42x14	1417.00	63.00	58
36x48x14	1537.00	71.40	67
36x54x14	1657.00	79.80	76
36x60x14	1777.00	88.20	85
36x72x14	2017.00	105.00	103

Barn No. 402

Standard Specifications, Description on page 30.

Width, Length and Height of Stud	Price Ready-Framed	On a 4-foot Foundation	Hay Mow Capacity—Tons
24x24x12	\$ 562.00	\$ 540.00	15
24x30x12	643.00	618.00	19
24x36x12	724.00	696.00	23
24x42x12	805.00	777.00	26
24x48x12	886.00	855.00	30
30x30x12	840.00	813.00	28
30x36x12	935.00	905.00	33
30x42x12	1030.00	977.00	39
30x48x12	1125.00	1089.00	44
30x54x12	1220.00	1181.00	50
30x60x12	1315.00	1273.00	55
30x72x12	1495.00	1447.00	66
32x36x14	1022.00	991.00	40
32x42x14	1142.00	1108.00	47
32x48x14	1262.00	1225.00	53
32x54x14	1382.00	1342.00	60
32x60x14	1502.00	1459.00	67
32x72x14	1742.00	1693.00	80
34x36x16	1104.00	1072.00	48
34x42x16	1203.00	1178.00	55
34x48x16	1323.00	1285.00	63
34x54x16	1443.00	1402.00	71
34x60x16	1563.00	1519.00	79
34x72x16	1803.00	1753.00	95
36x36x16	1164.00	1131.00	57
36x42x16	1284.00	1248.00	67
36x48x16	1404.00	1365.00	76
36x54x16	1524.00	1482.00	86
36x60x16	1644.00	1599.00	96
36x66x16	1764.00	1716.00	105
36x72x16	1884.00	1833.00	114
40x42x16	1396.00	1360.00	
40x48x16	1518.00	1470.00	
40x54x16	1640.00	1597.00	

(Prices continued in next column)

Barn No. 402—Continued

Width, Length and Height of Stud	Price Ready-Framed	On a 4-foot Foundation	Hay Mow Capacity—Tons
40x60x16	\$1762.00	\$1716.00	
40x66x16	1884.00	1835.00	
40x72x16	2006.00	1952.00	
40x84x16	2250.00	2294.00	
40x108x16	2738.00	2671.00	

Barn No. 403

Standard Specifications, Description on page 23.

Width, Length and Height of Stud	Price Ready-Framed	On a 4-foot Foundation	Hay Mow Capacity—Tons
24x24x12	\$ 806.00	\$ 37.80	
24x30x12	905.00	46.20	
24x36x12	1006.00	54.60	
24x42x12	1113.00	63.00	
24x48x12	1210.00	71.40	
30x30x12	982.00	46.20	
30x36x12	1084.00	54.60	
30x42x12	1185.00	63.00	
30x48x12	1287.00	71.40	
30x54x12	1388.00	79.80	
30x60x12	1490.00	88.20	
30x72x12	1692.00	105.00	
32x36x14	1160.00	54.60	
32x42x14	1267.00	63.00	
32x48x14	1374.00	71.40	
32x54x14	1481.00	79.80	
32x60x14	1588.00	88.20	
32x72x14	1702.00	105.00	
34x36x16	1355.00	54.60	
34x42x16	1464.00	63.00	
34x48x16	1573.00	71.40	
34x54x16	1682.00	79.80	
34x60x16	1786.00	88.20	
34x72x16	1990.00	105.00	
36x36x16	1384.00	54.60	
36x42x16	1512.00	63.00	
36x48x16	1640.00	71.40	
36x54x16	1768.00	79.80	
36x60x16	1896.00	88.20	
36x66x16	2024.00	96.60	
36x72x16	2152.00	105.00	

Write for Hay Capacities

Barn No. 404

Standard Specifications, Description on page 38.

Width, Length and Height of Stud	Price Ready-Framed	Extra for Rear Shed	Hay Mow Capacity—Tons
48 x 32	\$ 922.00	\$275.00	00
40	1048.00	275.00	00
48	1174.00	275.00	00
56	1300.00	275.00	00
72	1552.00	275.00	00

Barn No. 414

Gold Medal Specifications Description on page 37.

Diameter and Height of Stud	Price Ready-Framed	Hay Mow Capacity—Tons
60x16	\$2171.00	106

Barn No. 421

Specifications on page 21. Description on page 25.

Width, Length and Height of Stud	Price Ready-Framed	Extra for factory built Rafters (See page 22)	Hay Mow Capacity—Tons
28x30x10	\$1015.00	\$ 46.20	22
28x36x10	1127.00	54.60	26
28x42x10	1239.00	63.00	30
28x48x10	1351.00	71.40	34
28x54x10	1463.00	79.80	38
30x36x12	1240.00	54.60	34
30x42x12	1368.00	63.00	40
30x48x12	1496.00	71.40	45
30x54x12	1624.00	79.80	51
30x60x12	1752.00	88.20	57
30x120x12	3032.00	172.20	117
32x36x12	1310.00	54.60	38
32x42x12	1444.00	63.00	45
32x48x12	1578.00	71.40	52
32x54x12	1712.00	79.80	59
32x60x12	1846.00	88.20	66
32x66x12	1980.00	96.60	73
32x72x12	2114.00	105.00	80
32x84x12	2382.00	121.80	94
34x48x14	1718.00	71.40	62
34x54x14	1860.00	79.80	70
34x60x14	2002.00	88.20	78
34x66x14	2144.00	96.60	81
34x72x14	2286.00	105.00	95
34x78x14	2428.00	113.40	103
34x108x14	3138.00	155.40	146
36x42x14	1690.00	63.00	58
36x48x14	1833.00	71.40	67
36x54x14	1990.00	79.80	76
36x60x14	2147.00	88.20	85
36x72x14	2461.00	105.00	103
36x84x14	2775.00	121.80	121
36x108x14	3403.00	155.40	157
40x48x16	2087.00	71.40	88
40x60x16	2415.00	88.20	111
40x72x16	2743.00	105.00	134
40x96x16	3399.00	138.60	180

Barn No. 424

Standard Specifications Description on page 39.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity—Tons
52x40x10	\$1563.00	79
52x48x10	1737.00	95
52x56x10	1911.00	111
52x64x10	2085.00	127
52x80x10	2433.00	158
52x96x10	2781.00	192
52x112x10	3129.00	222
60x48x10	1879.00	109
60x56x10	2067.00	127
60x64x10	2275.00	145
60x72x10	2483.00	164
60x96x10	3107.00	218

Barn No. 427

Gold Medal Specifications Description on page 33.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity—Tons
28x36x12	\$1090.00	24
28x42x12	1203.00	28
28x48x12	1316.00	32

(Prices continued in next column)

Barn No. 427—Continued

Gold Medal Specifications Description on page 33.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity—Tons
28x54x12	\$1429.00	36
30x36x12	1153.00	33
30x42x12	1272.00	38
30x48x12	1393.00	43
30x54x12	1514.00	49
32x36x14	1274.00	39
32x42x14	1403.00	45
32x48x14	1530.00	51
32x54x14	1658.00	57
32x60x14	1786.00	64
32x72x14	2042.00	77
32x84x14	2298.00	89
34x48x16	1666.00	65
34x54x16	1805.00	73
34x60x16	1944.00	81
34x66x16	2083.00	89
34x78x16	2361.00	105
34x96x16	2778.00	128
36x42x16	1598.00	59
36x48x16	1742.00	67
36x54x16	1886.00	75
36x60x16	2030.00	83
36x66x16	2174.00	92
36x72x16	2318.00	100
36x78x16	2462.00	108
36x84x16	2606.00	117
36x96x16	2894.00	133
36x120x16	3470.00	166
40x48x16	1854.00	85
40x54x16	2006.00	96
40x60x16	2158.00	106
40x66x16	2310.00	117
40x72x16	2462.00	128
40x84x16	2766.00	149
40x96x16	3070.00	170
40x108x16	3374.00	191

Barn No. 428

Gold Medal Specifications Description on page 35.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity—Tons
28x36x12	\$1108.00	28
28x42x12	1220.00	33
28x48x12	1335.00	38
30x36x12	1159.00	34
30x42x12	1251.00	40
30x48x12	1399.00	45
30x56x12	1527.00	53
30x60x12	1639.00	57
32x36x14	1289.00	40
32x42x14	1387.00	46
32x48x14	1550.00	52
32x56x14	1688.00	59
32x60x14	1811.00	63
32x72x14	2072.00	75
34x42x16	1542.00	5
34x48x16	1716.00	
34x56x16	1871.00	
34x60x16	2014.00	
34x72x16	2312.00	0
34x84x16	2610.00	8
36x36x18	1528.00	51
36x42x18	1642.00	0
36x48x18	1822.00	0
36x56x18	1972.00	0
36x60x18	2122.00	0
36x72x18	2422.00	0

(Prices continued in next column)



Prices of Buildings Shown in This Book

PRICES ON BARNS—Continued

Barn No. 428—Continued

Gold Medal Specifications
Description on page 35.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity Tons
36x84x18	\$2728.00	119
36x96x18	3028.00	136
36x108x18	3328.00	153
40x48x18	1975.00	86
40x56x18	2159.00	97
40x60x18	2302.00	108
40x72x18	2629.00	129
40x84x18	2956.00	151

Barn No. 429

Gold Medal Specifications
Description on page 31.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity Tons
30x42x12	\$1402.00	37
30x56x12	1686.00	56
30x72x12	2034.00	81
32x42x14	1517.00	42
32x48x14	1671.00	54
32x56x14	1823.00	63
32x72x14	2288.00	90
34x42x16	1673.00	50
34x56x16	2018.00	75
34x60x16	2119.00	85
34x72x16	2439.00	97
34x84x16	2759.00	128
34x98x16	3053.00	146
36x42x16	1734.00	55
36x48x16	1917.00	70
36x56x16	2088.00	82
36x60x16	2238.00	91
36x72x16	2559.00	117
36x84x16	2880.00	130
36x108x16	3521.00	185
40x48x16	2056.00	81
40x56x16	2226.00	101
40x60x16	2363.00	108
40x72x16	2670.00	132
40x84x16	2987.00	161
40x108x16	3661.00	215

Barn No. 430

Standard Specifications
Description on page 40.

Width, Length and Height of Stud	Price Ready-Framed
30x36x7	\$450.00
30x42x7	499.00
30x48x7	548.00
30x72x7	744.00
32x36x7	471.00
32x42x7	525.00
32x48x7	579.00
32x54x7	633.00
34x42x7	543.00
34x48x7	586.00
34x60x7	672.00
36x42x7	554.00
36x48x7	595.00
36x54x7	646.00
36x60x7	689.00
36x66x7	732.00

Barn No. 434

Standard Specifications
Description on page 34.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity Tons
24x30x12	\$ 640.00	13
24x36x12	714.00	16
24x42x12	788.00	18
28x36x12	889.00	20
28x42x12	985.00	24
28x48x12	1081.00	28
30x36x12	946.00	22
30x42x12	1045.00	26
30x48x12	1144.00	30
30x54x12	1243.00	32
32x36x12	1041.00	28
32x42x12	1129.00	33
32x48x12	1217.00	37
32x54x12	1305.00	42
32x60x12	1393.00	47
34x36x14	1080.00	31
34x42x14	1188.00	35
34x48x14	1280.00	40
34x54x14	1388.00	44
34x60x14	1496.00	50
36x42x16	1296.00	47
36x48x16	1402.00	54
36x54x16	1508.00	60
40x48x16	1471.00	68
40x60x16	1729.00	85
40x72x16	1987.00	102
40x84x16	2245.00	120

Barn No. 437

Gold Medal Specifications
Description on page 26.

Width, Length and Height of Stud	Price Ready-Framed	Extra for factory built Rafters (See page 22)	Hay Mow Capacity Tons
30x36x10	\$1291.00	\$ 79.80	35
30x42x10	1397.00	92.40	40
30x48x10	1524.00	105.00	46
30x54x10	1651.00	117.60	52
30x60x10	1770.00	130.20	57
32x36x10	1364.00	79.80	40
32x42x10	1503.00	92.40	46
32x48x10	1631.00	105.00	53
32x54x10	1751.00	117.60	60
32x60x10	1900.00	130.20	67
32x66x10	2059.00	142.80	74
32x72x10	2199.00	155.40	80
32x96x10	2731.00	205.80	104
34x42x12	1661.00	92.40	56
34x48x12	1790.00	105.00	64
34x54x12	1917.00	117.60	72
34x60x12	2072.00	130.20	80
34x66x12	2247.00	142.80	88
34x72x12	2388.00	155.40	96
34x78x12	2541.00	168.00	104
34x96x12	2936.00	205.80	128
34x108x12	3144.00	231.00	144
36x48x14	1922.00	105.00	69
36x54x14	2074.00	117.60	78
36x60x14	2253.00	130.20	86
36x72x14	2581.00	155.40	104
36x84x14	2930.00	180.60	121
36x108x14	3480.00	231.00	155
36x120x14	3784.00	256.20	172
38x48x14	2070.00	105.00	78
38x60x14	2383.00	130.20	104
38x72x14	2748.00	155.40	113
38x84x14	3070.00	180.60	129
38x96x14	3388.00	205.80	144
38x108x14	3707.00	231.00	164
38x120x14	4017.00	256.20	180

Barn No. 438

Gold Medal Specifications on page 18
Description on page 32.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity Tons
30x36x10	\$1118.00	34
30x42x10	1204.00	40
30x48x10	1346.00	45
30x56x10	1469.00	53
30x60x10	1574.00	57
30x72x10	1802.00	68
32x36x10	1182.00	36
32x42x10	1275.00	41
32x48x10	1429.00	46
32x56x10	1635.00	52
32x60x10	1707.00	55
32x72x10	1923.00	62
32x84x10	2170.00	82
34x36x12	1323.00	38
34x42x12	1428.00	43
34x48x12	1591.00	50
34x56x12	1732.00	57
34x60x12	1859.00	62
34x72x12	2127.00	75
34x84x12	2395.00	87
36x42x12	1483.00	48
36x48x12	1655.00	54
36x56x12	1797.00	63
36x60x12	1932.00	68
36x72x12	2209.00	82
36x84x12	2486.00	95
36x96x12	2763.00	109
36x120x12	3317.00	136
36x140x12	3681.00	160
40x48x12	1764.00	71
40x56x12	1918.00	79
40x60x12	2061.00	89
40x72x12	2358.00	106
40x84x12	2655.00	124
40x96x12	2952.00	142
40x120x12	3546.00	178
40x132x12	3843.00	190

Barn No. 441

Standard Specifications
Description on page 36.

Width, Length and Height of Stud	Price Ready-Framed	Hay Mow Capacity Tons
20x24x10	\$ 504.00	8
20x30x10	577.00	10
20x36x10	650.00	12
24x24x12	618.00	15
24x30x12	704.00	19
24x36x12	790.00	22
24x42x12	876.00	26
24x48x12	962.00	29
30x36x12	942.00	31
30x42x12	1038.00	36
30x48x12	1134.00	42
30x54x12	1230.00	48
30x60x12	1326.00	54
32x36x14	1079.00	37
32x42x14	1180.00	44
32x48x14	1281.00	51
32x54x14	1382.00	57
32x60x14	1483.00	64
32x66x14	1584.00	70
36x42x16	1338.00	63
36x48x16	1450.00	72
36x54x16	1568.00	81
36x60x16	1686.00	90
36x66x16	1804.00	99
36x72x16	1922.00	108

Barn No. 442

Gold Medal Specifications
Description on page 28.

Width, Length and Height of Stud	Price Ready-Framed	Extra for factory built Rafters (See page 22)	Hay Mow Capacity Tons
32x36x6	\$1278.00	\$ 54.60	38
32x42x6	1402.00	63.00	45
32x48x6	1526.00	71.40	52
32x54x6	1650.00	79.80	59
32x60x6	1776.00	88.20	66
32x66x6	1900.00	96.60	73
32x72x6	2024.00	105.00	80
32x90x6	2360.00	130.20	101
34x36x6	1356.00	54.60	48
34x42x6	1489.00	63.00	55
34x48x6	1622.00	71.40	62
34x54x6	1755.00	79.80	70
34x60x6	1888.00	88.20	78
34x66x6	2021.00	96.60	87
34x72x6	2154.00	105.00	95
34x78x6	2286.00	113.40	103
36x42x8	1591.00	63.00	58
36x48x8	1726.00	71.40	67
36x54x8	1861.00	79.80	76
36x60x8	1896.00	88.20	85
36x66x8	2031.00	96.60	94
36x72x8	2166.00	105.00	103
36x78x8	2301.00	113.40	112
36x84x8	2436.00	121.80	121
40x42x8	1765.00	63.00	80
40x48x8	1918.00	71.40	88
40x54x8	2071.00	79.80	100
40x60x8	2224.00	88.20	111
40x66x8	2377.00	96.60	123
40x72x8	2530.00	105.00	134
40x78x8	2683.00	113.40	146
40x84x8	2836.00	121.80	158

Barn No. 443

Gold Medal Specifications
Description on page 24.

Width, Length and Height of Stud	Price Ready-Framed	Extra for factory built Rafters (See page 22)	Hay Mow Capacity Tons
28x30x8	\$1220.00	\$ 79.80	22
28x36x8	1335.00	88.20	26
28x42x8	1450.00	96.60	30
28x48x8	1565.00	105.00	34
28x54x8	1690.00	113.40	38
28x60x8	1805.00	121.80	42
32x36x8	1440.00	88.20	38
32x42x8	1571.00	96.60	45
32x48x8	1702.00	105.00	52
32x54x8	1833.00	113.40	59
32x60x8	1964.00	121.80	66
32x66x8	2095.00	130.20	73
34x42x8	1640.00	96.60	53
34x48x8	1771.00	105.00	62
34x54x8	1902.00	113.40	70
34x60x8	2033.00	121.80	78
34x66x8	2164.00	130.20	87
34x72x8	2295.00	138.60	95
34x78x8	2426.00	147.00	103
34x84x8	2557.00	155.40	112
36x42x8	1735.00	96.60	58
36x48x8	1875.00	105.00	67
36x54x8	2010.00	113.40	76
36x60x8	2150.00	121.80	85
36x66x8	2290.00	130.20	94
36x72x8	2430.00	138.60	103
36x78x8	2570.00	147.00	112
36x84x8	2710.00	155.40	121
36x90x8	2850.00	163.80	130
40x42x8	1887.00	96.60	78
40x48x8	2039.00	105.00	88
40x54x8	2181.00	113.40	99
40x60x8	2333.00	121.80	110
40x66x8	2485.00	130.20	122
40x72x8	2637.00	138.60	134
40x78x8	2789.00	147.00	144

Prices of Buildings Shown in This Book

PRICES ON BARNS, HOG HOUSES AND GRANARIES

Barn No. 446

Gold Medal Specifications, Description on page 29.

Width, Length and Height of Stud	Price Ready-Framed	Add for Feed Rack	Add for Double Feed Rack	Extra for fact'y b'l't Rafters (See p. 22)	Hay Mow Capacity Tons
32x45x6	\$1512.00	\$100.00	.....	\$67.20	50
32x54x6	1674.00	120.20	.....	73.50	60
32x63x6	1836.00	140.00	.....	79.80	70
32x72x6	1998.00	160.30	.....	86.10	80
32x81x6	2160.00	180.70	.....	92.40	90
40x45x6	1830.00	68.00	\$57.50	67.20	85
40x54x6	2022.00	84.60	72.00	73.50	102
40x63x6	2114.00	98.40	83.00	79.80	119
40x72x6	2208.00	112.10	93.80	86.10	136
40x81x6	2302.00	125.80	104.70	92.40	153

Barn No. 447

Gold Medal Specifications, Description on page 29.

Width, Length and Height of Stud	Price Ready-Framed	Add for Feed Rack	Add for Double Feed Rack	Extra for fact'y b'l't Rafters (See p. 22)	Hay Mow Capacity Tons
32x45x14	\$1686.00	\$101.70	.....	\$67.20	50
32x54x14	1878.00	121.90	.....	73.50	60
32x63x14	2070.00	142.20	.....	79.80	70
32x72x14	2262.00	162.40	.....	86.10	80
32x81x14	2454.00	182.60	.....	92.40	90
40x45x14	2022.00	\$ 71.20	\$65.40	67.20	85
40x54x14	2252.00	84.80	77.10	73.50	102
40x63x14	2482.00	99.30	88.80	79.80	119
40x72x14	2712.00	111.80	100.50	86.10	136
40x81x14	2942.00	125.40	111.02	92.40	153

Wig Wam Hog House No. 452

Description and Illustration on page 49.

Size	Price	Floors can be furnished for the following additional cost
5x7	\$13.50	\$3.00
6x8	17.50	4.00

Hog House No. 453

Description and Illustration on page 48.

Size	Price	Floors can be furnished for the following additional cost.
5x6	\$14.50	\$2.50
6x7	17.00	3.50

Barn No. 454

Gold Medal and Standard Specifications. Description and Illustration on page 52.

Width, Length and Height of Stud	GOLD MEDAL Price Ready-Framed	STANDARD Price Ready-Framed	Hay Mow Capacity Tons
26x28x16	\$1190.00	\$1097.00	00
26x32x16	1280.00	1175.00	00
26x36x16	1368.00	1253.00	00
26x42x16	1456.00	1331.00	00
28x28x16	1273.00	1167.00	00
28x32x16	1475.00	1255.00	00
28x36x16	1561.00	1343.00	00
28x42x16	1627.00	1431.00	00
28x48x16	1758.00	1519.00	00

Hog House No. 455 A

Standard Specifications. Description and Illustration on page 44.

Size	Price	Additional for Inside Pens
24x24	\$354.00	\$ 48.10
24x30	409.00	60.80
24x36	464.00	73.40
24x42	519.00	86.20
24x48	574.00	100.00
24x54	629.00	112.50
24x60	684.00	125.30
24x72	794.00	149.80
24x84	904.00	174.80

Hog House No. 455 B

Standard Specifications. Description and Illustration on page 44.

Size	Price	Additional for Inside Pens
24x24	\$873.00	\$ 48.10
24x30	432.00	60.80
24x36	491.00	73.80
24x42	550.00	86.20
24x48	609.00	100.00
24x54	668.00	112.50
24x60	727.00	125.30
24x72	845.00	149.80
24x84	963.00	174.80

Hog House No. 456

Standard Specifications, Description on page 42.

Width and Length	Price Ready-Framed	Manufactured Rafters	Add for Inside Pens
24x24	\$334.00	\$27.30	\$ 48.10
24x30	387.00	33.60	60.80
24x48	546.00	52.50	100.00
24x54	599.00	58.80	112.50
24x60	652.00	65.10	125.30
24x72	758.00	77.70	149.80
24x84	864.00	90.30	174.80

Hog House No. 457

Standard Specifications, Description on page 42.

Width and Length	Price Ready-Framed	Manufactured Rafters	Add for Inside Pens
24x24	\$414.00	\$27.30	\$48.10
24x30	475.00	33.60	60.80
24x48	668.00	52.50	100.00
24x54	729.00	58.80	112.50
24x60	790.00	65.10	125.30
24x72	912.00	77.70	149.80
24x84	1034.00	90.30	174.80

Corn Crib No. 461

Standard Specifications, Description on page 54.

Width, Length and Height of Stud	Price Ready-Framed	Ear Corn Capacity—Bu.
26 x 24 x 10	\$385.00	1400
26 x 30 x 10	448.00	1800
26 x 36 x 10	579.00	2160
26 x 40 x 10	563.00	2400
26 x 50 x 10	678.00	3000

Hog House No. 468

Specifications on page 19. Description on page 48.

Width, Length and Height of Stud	Price—Ready-Framed
6 x 8	\$39.00

Hog House No. 470

Standard Specifications, Description on page 45.

Width, Length and Height of Stud	Price Ready-Framed	Add for Inside Pens Not Ready-Cut
20 x 24 x 4	\$ 250.00	\$ 48.10
20 x 30 x 4	293.00	60.80
20 x 36 x 4	336.00	73.40
20 x 42 x 4	379.00	86.20
24 x 24 x 5	312.00	48.10
24 x 30 x 5	363.00	60.80
24 x 36 x 5	414.00	73.40
24 x 42 x 5	465.00	86.20
24 x 48 x 5	516.00	100.00
24 x 54 x 5	567.00	112.50
24 x 60 x 5	618.00	125.30
24 x 78 x 5	771.00	163.40
24 x 120 x 5	1128.00	252.70

Corn Crib and Granary No. 471

Description and Illustration on page 52

Width, Length and Height of Stud	GOLD MEDAL Price Ready-Framed	STANDARD Price Ready-Framed	Ear Corn Capacity Bushels	Small Grain Capacity Bushels
26 x 28 x 16	\$1138.00	\$1045.00	2800	1540
26 x 32 x 16	1226.00	1121.00	3200	1870
26 x 36 x 16	1314.00	1197.00	3600	2200
26 x 42 x 16	1402.00	1273.00	4200	2530
28 x 28 x 16	1209.00	1103.00	2800	1400
28 x 32 x 16	1307.00	1187.00	3200	1600
28 x 36 x 16	1495.00	1271.00	3600	1800
28 x 42 x 16	1593.00	1355.00	4200	2100
28 x 48 x 16	1691.00	1439.00	4800	2400

Tractor Shed No. 472

Standard Specifications, Description on page 59.

Width, Length and Height of Stud	Price Ready-Framed
36 x 36 x 10	\$625.00
36 x 48 x 10	723.00
36 x 60 x 10	721.00
40 x 36 x 10	664.00
40 x 48 x 10	782.00
40 x 72 x 10	1018.00

Implement Shed No. 473

Standard Specifications, Description on page 59.

Size	Price Ready-Framed
18 x 42	\$482.00
18 x 56	640.00
20 x 42	550.00
20 x 56	702.00
20 x 70	859.00
24 x 42	590.00
24 x 56	749.00
24 x 70	916.00

Poultry House No. 477

Standard Specifications, Description on page 57.

Width, Length and Height of Stud	Price Ready-Framed	Extra for Floor	Extra for Nests, Roosts and Drop Boards
20 x 20 x 6	\$177.00	\$ 41.50	\$ 28.00
20 x 40 x 6	276.00	82.50	55.60
20 x 60 x 6	387.00	124.00	78.50
20 x 80 x 6	499.00	165.15	108.60
20 x 100 x 6	609.00	208.40	146.80

Poultry House No. 479

Standard Specifications, Description on page 55.

Size	Price Ready-Framed	Extra for Floor	Extra for Nests, Roosts and Drop Boards
12 x 10	\$ 94.00	\$13.30	\$ 8.90
12 x 20	141.00	26.75	17.80
12 x 30	188.00	38.75	27.00
12 x 40	235.00	51.35	36.40
12 x 50	282.00	63.90	45.60

Hog House No. 482

Standard Specifications, Description on page 43.

Width, Length and Height of Stud	Price Ready-Framed	Add for Inside Pens
20 x 24 x 5	\$261.00	\$ 48.10
20 x 30 x 5	306.00	60.80
20 x 36 x 5	351.00	73.40
20 x 42 x 5	396.00	86.20
20 x 48 x 5	441.00	100.00
20 x 54 x 5	486.00	112.50
24 x 24 x 5	312.00	48.10
24 x 30 x 5	379.00	60.80
24 x 36 x 5	446.00	73.40
24 x 42 x 5	513.00	86.20
24 x 48 x 5	580.00	100.00
24 x 54 x 5	647.00	112.50
24 x 60 x 5	714.00	125.30
24 x 66 x 5	781.00	138.00
24 x 90 x 5	1049.00	188.70



Prices of Buildings Shown in This Book

PRICES ON HOG HOUSES, CHICKEN HOUSES, GRANARIES, SHEDS AND CUPOLAS

Stock Shed No. 486

Standard Specifications, Description on page 54.

Width, Length and Height of Stud	Price—Ready-Framed
20 x 24 x 7	\$185.00
20 x 36 x 7	245.00
20 x 48 x 7	305.00
20 x 60 x 7	365.00
20 x 72 x 7	425.00

Commissary No. 488

Standard Specifications, Description on page 46.

Width, Length and Height of Stud	Price Ready-Framed	Add for Grain Bins	Omit from 482 24 ft. when adding 488
12 x 24 x 14	\$281.00	\$23.80	\$49.00

Commissary No. 488 may be combined with any length of Hog House No. 482 in the 24-foot width. Simply add the price of the Commissary to the price of the Hog House and deduct \$68.00.

Poultry House No. 489

Standard Specifications, Description on page 56.

Size	Price Ready-Framed	Extra for Nests Roosts and Drop Boards
22 x 24	\$199.00	\$32.90
22 x 48	358.00	58.40

Commissary No. 491

Standard Specifications, Description on page 46.

Width, Length and Height of Stud	Price Ready-Framed	Add for Grain Bins	Omit from 470 24 ft. when adding 491
12 x 24 x 14	\$289.00	\$23.80	\$56.00

Commissary No. 491 may be combined with any length of Hog House No. 470 in the 24-foot width. Simply add the price of the Commissary to the price of the Hog House and deduct \$67.00.

Granary No. 492

Gold Medal and Standard Specifications Description on page 50.

Width, Length and Height of Stud	Price Ready-Framed	Extra for fact'y b'l't Rafters (See p. 22)	Capacity Bushels	Add for Corn Drying Racks
27'6x24x12	\$1231	\$1016	\$37.80	2800 2040 \$12.65
27'6x30x12	1391	1154	46.20	3500 2550 15.90
27'6x36x12	1550	1292	54.60	4200 3060 19.00
27'6x42x12	1710	1430	63.00	4900 3570 22.15
27'6x48x12	1870	1568	71.40	5600 4080 25.30
27'6x54x12	2030	1706	79.80	6300 4590 28.50
29'6x30x12	1482	1236	46.20	3700 3000 16.10
29'6x36x12	1647	1484	54.60	4400 3600 19.00
29'6x42x12	1812	1632	63.00	5180 4200 22.20
29'6x48x12	1977	1780	71.40	5920 4800 25.20

Granary No. 493

Gold Medal and Standard Specifications. Description on page 51.

Width Length and Height of Stud	Price Ready-Framed	Extra for fact'y b'l't Rafters (See p. 22)	Capacity Bushels	Add for Corn Drying Racks
25'6x30x10	\$1129	\$1028	\$46.20	3500 2100 \$16.30
25'6x36x10	1268	1160	54.60	4200 2520 19.50
25'6x42x10	1407	1298	63.00	4900 2940 22.80
25'6x48x10	1546	1436	71.40	5600 3360 26.00
29'6x30x10	1360	1238	46.20	3700 3000 16.30
29'6x36x10	1517	1387	54.60	4440 3600 19.50
29'6x42x10	1674	1536	63.00	5180 4200 22.80
29'6x48x10	1831	1685	71.40	5920 4800 26.00
29'6x54x10	1988	1834	79.80	6660 5400 29.30

Commissary No. 495, Class B

Specifications on page 19. Description on page 47.

Width and Length 8' Stud on 4' Masonry Wall	Price Ready-Framed	Extra for fact'y built Rafters (See page 22)	Add for Grain Bins
24 x 14	\$327.00	\$27.30	\$21.20

Omit from 456 when adding 495 \$51.00.
Omit from 457 when adding 495 \$67.00.

Commissary No. 495 may be combined with any length of Hog House Nos. 456 and 457. Simply add the price of the Commissary to the price of the length of Hog House No. 456 chosen and deduct \$58.00. To combine with Hog House No. 457, simply add the price of the Commissary to the price of the length of Hog House No. 457 chosen and deduct \$76.00.

Implement Shed No. 498, Class B

Standard Specifications, Description on page 58.

Size	Price
18x30	\$428.00
18x42	568.00
18x54	708.00
18x66	848.00
18x78	988.00
24x30	513.00
24x42	652.00
24x54	786.00
24x66	920.00
24x78	1054.00

Granary No. 499-A

Specifications and Description on page 53.

Width Feet	Length Feet	Price	Capacity per 8 ft. section
8	16	\$100.00	408 bushels

For each additional 8-foot section in length, add \$42.00.

Corn Crib No. 499-B

Specifications and Description on page 53.

Width Feet	Length Feet	Price	Capacity per 8 ft. section
8	16	\$90.00	204 bushels

For each additional 8-foot section in length, add \$32.00.

Gordon Standard Cupola—Style A Illustrated on page 41

Number	Diameter of Flue Inches	Base Moulding Inches	Height, Over All Feet	Price F.O.B. Davenport
3A3122	22	43 x 43	9 1/2	\$34.50
3A3124	24	48 x 48	11	40.10
3A3127	27	51 x 51	12	45.10
3A3130	30	56 x 56	13	48.70
3A3136	36	66 x 66	14	56.80

If the lightning rod attachment is desired, including 15 feet of copper cable, add \$3.75; this will save you \$2.50 when you rod your building. Shipped with horse ornament, unless cow, sheep, pig or rooster is ordered. If damper is desired, add \$1.75 extra.

Gordon Standard Cupola—Style B Illustrated on page 41

Number	Base Moulding Inches	Height, Over All Feet	Price F.O.B. Davenport
3A3324	24 x 24	6	\$14.30
3A3327	27 x 27	7	17.30
3A3330	30 x 30	8	19.40
3A3336	36 x 36	9	21.60
3A3342	42 x 42	10	25.10
3A3348	48 x 48	12	29.60

Gordon Revolving Ventilator—Style C Illustrated on page 41

Number	Base	Height of Base Inches	Ventilating Flue Inches	Height, Over All Inches	Selling Price
3A3510	14x14	15	10	40	\$ 8.00
3A3512	16x16	17	12	44	9.40
3A3514	18x18	19	14	50	11.00
3A3516	21x21	20	16	54	12.50

Gordon Revolving Ventilator—Style D Illustrated on page 41

Number	Base	Height of Base Inches	Ventilating Flue Inches	Height, Over All Inches	Selling Price
3A3610	14x14	16	10	40	\$ 8.80
3A3612	16x16	18	12	44	10.30
3A3614	18x18	20	14	50	12.00
3A3616	21x21	21	16	54	14.30
3A3620	25x25	25	20	58	17.50
3A3624	29x29	29	24	62	21.50

How To Buy Your Farm Building

THE buildings shown on the following pages are divided into two classes—our very superior “Gold Medal” buildings and our better-than-average “Standard” buildings. Specifications for each will be found on pages 16 and 17. They should be read very carefully so that you will know just what you get in a Gordon-Van Tine farm building and just what the differences are between “Gold Medal” and “Standard” buildings. As you read these specifications note how complete and thorough they are. Remember that they include such things as built-up doors, built-up window frames, ready framed lumber, complete hardware, and paint, and that they specify the very best kind of this material. They are not in any way comparable to the average list of material furnished by the average local lumber dealer which does not include the features of ready framing, built-up doors, paint, etc.

Over 600 Sizes and Designs of Barns To Choose From

You will find in this book over 600 thoroughly practical, tested and proved designs and sizes of Dairy Barns, Cattle Feeding Barns, Bank Driveway Barns, Horse Barns, Hay Barns and General Purpose Barns, having Gothic, Gambrel, or Gable Roofs. The prices shown on pages 1 to 4 refer to these buildings as they are illustrated, including doors and windows as shown, also loft floor, but do not include any bins, stalls, partitions, ventilating systems, or barn equipment.

Sketch Your Floor Plan on Information Blank Sent You with This Book

Enclosed with this book is an information blank part of which is ruled up in small squares for your convenience in sketching your own floor plan. When you have decided the type or design of barn you want, then figure out the amount of stock you have to stable, as well as the other storage space you need, allowing always for an increase in your herds, and sketch out on this ruled sheet the arrangement you think will best suit you. The dimensions of the stalls, bins, etc., are shown on the ruled sheet, and when you have finished your floor plan you can then determine the size of the barn which you will require. It is much better to make a barn fit the floor plan than to attempt to make the floor plan fit the barn. When you have your floor plan worked out send a rough sketch to us and we will send you price, delivered to your station, with full information about the barn you have selected.

WHAT TO DO

Look over the designs shown until you find the one that suits your purpose. Read the description and specifications carefully. Then make a sketch of the floor plan you want on the ruled sketch sheet enclosed with this catalog. Send this to us mentioning the barn you have selected and we will give you a complete price, delivered to your station. You can order right from this book with absolute safety and save time. Practically all of the smaller buildings are ordered this way.

Our Barn Experts Will Make a Floor Plan for You if You Prefer

If you find drawing this floor plan is more of a job than you care to undertake, just fill in the information blank in the sketch sheet that you got with this book and we will know what stock you expect to care for and our barn experts will make you a plan and submit it to you for your approval. A nominal charge of \$5.00 is made for this service. This amount is refunded when material is ordered.

We Will Then Quote You a Guaranteed, Delivered Price

When your sketch has been received, or the one we make has been approved by you, we will figure and send you a price on the barn plus all the necessary stalls, grain bins, barn stairs, box stalls, hay chutes, hay carrier outfit and cupolas that you want us to furnish *delivered to your station*. We handle a complete line of high grade steel barn equipment, as shown on pages 62 and 63, which is used by a large number of Gordon-Van Tine barn purchasers. We also design and sell ventilation systems suitable for the particular floor plan you select. This service is described on page 18.

You Can Order Right from This Book

Many buyers of Gordon-Van Tine barns select the design and size they want right from the book and send in their order. The accuracy of our illustrations and the very complete and definite specifications make it entirely satisfactory to order this way. Such orders are usually accompanied by a floor plan from which we work out and ship the necessary stalls, bins, hay chutes, etc.

Hog Houses, Poultry Houses, Granaries, Etc.

On buildings other than barns shown in this book all necessary interior equipment is priced because it is standard. Right with the hog house prices in the front of the book will be found prices of pens, which include without extra charge the Stankee Pig Guard Hangers. Nests, roosts, and drop boards are quoted in price section with Poultry Houses. Drying racks are priced for each size Granary. These smaller buildings are nearly always bought right from our book, thus saving the time and trouble of correspondence. Remember that you can buy direct from the catalog description with absolute assurance of getting exactly what our pictures and specifications call for.

Your Choice of These Three Methods of Payment

(1) **CASH WITH ORDER.** 2% discount is allowed for cash in full with order.

(2) **PART DEPOSIT.** If for any reason you are not in position to send cash in full with order, but will have the money available when material is delivered, send us one-fifth of the total amount when you place your order; pay the balance when you receive the goods. Five days are

allowed after material reaches your freight station for inspection. (No discount allowed under terms No. 2.)

(3) **STATEMENT OF DEPOSIT.** Send us \$100 as an evidence of sincerity and good faith and deposit the balance with your banker in accordance with the terms of the statement of deposit below. Have him fill this out and sign it, and we will ship you the material subject to your inspection. (No discount allowed under terms No. 3.)

Statement of Deposit

We hereby acknowledge receipt of \$..... deposited by Mr..... for the credit of Gordon-Van Tine Co., Davenport, Iowa, to be remitted to them for material described above. Payment shall be made within five days after arrival of each shipment with the explicit understanding that the Gordon-Van Tine Co. will make good any shortage or unsatisfactory material (if there should be such) in accordance with their Guarantee of Satisfaction or Money Back.

.....
Name of Bank (or Building and Loan Association)

.....
Signature of President or Cashier

Date

State

Town



How This Book Takes the "Guess Work" Out of Farm Building

YOU will find that this Gordon-Van Tine Book of Farm Buildings does three things for you.

(1) It gives you complete and accurate information on the location, planning, and building of Farm Buildings.

(2) It illustrates and describes thoroughly the best types of Farm Buildings.

(3) It quotes *complete* prices on all material needed to build any of these buildings, according to the clean-cut specifications given, enabling you to *buy your* barn or other building from *one* responsible firm under a Guarantee of Satisfaction or Money Back.

This Book shows you how to buy *easily, safely,* and to *save money.*

Practical Plans for Real Dirt Farmers

The plans shown in it are all our own, worked out and drawn by our own architects, tested under actual working conditions on farms that are run to make money—not as play-things of the wealthy.

They are, first of all, practical. They represent the largest, strongest building for the least money. They are, second, fine looking. Gordon-Van Tine Farm Buildings are always handsome, distinctive and clean-cut—they always stand out wherever they are built because of their fundamental beauty of line and proportion and the handsome trimmings furnished for them. They advertise any farmer who builds them as a practical, progressive, prosperous man, and a leader in his community.

Planned by Authorities in Barn Construction

They are planned by an organization of experts second to none—men who combine the highest technical skill with a lifetime of practical experience and knowledge of actual farming conditions.

They have not merely copied ideas—they have contributed many original methods and features to barn construction. The most prominent of these is the now famous and much-copied Gordon-Van Tine Gothic Roof Construction, which

uses much less lumber, does away with a large part of the roof bracing and produces a stronger, better-looking and finer barn. (See page 21 for details regarding Gothic Roof Construction.) They have simplified so many points of construction that Gordon-Van Tine Farm Buildings are probably ten years ahead of the average barn obtained from other sources.

Above all else, Gordon-Van Tine plans *must* be practical, for Gordon-Van Tine sells, not plans, but the actual material to build the buildings and not only that—we cut the lumber to fit. Everything has to be exact, and right, for we Guarantee you Satisfaction, or Money Back.

Better Material—Lower Prices

Two things are constant marvels to Gordon-Van Tine customers—the unexcelled quality of the material, and the great savings made due to the low prices we sell for.

The reason for both is the same: Gordon-Van Tine sell Direct to Consumer. We are the source—you the consumer, and no middlemen come between to take false profits. We have been in the building material business since 1865. At our great plants, located at various strategic points throughout the country, we manufacture, cut, and assemble our materials and ship to you direct. You know how much profit middlemen add to *your* products. Dealing direct saves just as much in building materials.

Buy from One Firm—Under a Guarantee of Satisfaction or Money Back

And you save so much trouble and worry. You buy the whole thing from one place, not parts from four or five different dealers. And you buy under an absolute guarantee (backed by over \$1,000,000) that everything will be as described—no extras or additional material will be necessary to complete the building as planned and specified. There can be no "passing the buck" with you finally making good the loss.

There is no more risk in buying a Gordon-Van Tine Building than in buying a Ford car, a John Deere plow, or a McCormick reaper.

Look through the following pages—read the specifications carefully, and the descriptions of materials, service, and buildings. You will be convinced that the statements above are true and that you will get a better planned building, made of better materials, for less money, from Gordon-Van Tine.



A part of our force of architects—the barn experts who draw our plans.

"Hidden Values" That Mean Better Buildings at Less Cost

Extra Materials and Factory Labor Which Insure a Lower Total Completed Cost of Your Farm Building

GORDON-VAN TINE Farm Buildings include many features which make them Better Buildings and which cut down the completed costs. Much work ordinarily done on the building lot, by hand, we do at our factories on machines. Such work includes cutting all framing lumber to fit, actually building all doors, shipping all window frames ready-made, bundled ready to set up. This makes our price to you higher than if we furnished only the rough lumber yard material with no work done on it—but it means a big saving for you in carpenter labor, and consequently in total cost for we can do these things cheaper by machine than carpenters working by hand, and do them better.

Then too, we furnish many items which are not usually considered part of a barn bill by a local retail lumberyard, but which must be bought somewhere and added to the total cost of

materials. These items include all hardware, nails, paint, bolts, hay-carriers, door hardware, etc., as well as complete working plans and blue prints.

The average lumber bill furnished by a local lumber dealer is in no way comparable to a Gordon-Van Tine bill for a barn of the same size—the prices are not in any sense competitive, for Gordon-Van Tine, as you can see, furnish so much more material, and so much factory labor that the total cost of a Gordon-Van Tine Building averages as much as one-third to one-half less in many instances, and these savings and advantages are not taking into account the wonderful advantage of Gordon-Van Tine plans, the absolute high quality of Gordon-Van Tine materials, and the protection of the Gordon-Van Tine Guarantee.

Don't let anyone blind you to the facts—and talk you out of several hundred dollars.

This Illustration
Shows the
"Hidden Values"
in a
Gordon-Van Tine
Barn

Extra Clear 5x2 Washington Red Cedar Shingles (Standard of the World) or highest quality Jap-a-Top Slate Surfaced Asphalt Roofing on Gordon-Van Tine Farm Buildings.

All Gordon-Van Tine Hay Doors are shipped built-up—ready to hang (no doors to make on the job). (See pages 12 and 13.)

All Framing Lumber is Ready Cut. No figuring, sawing or fitting on the job. Days saved in construction. Perfect joints and strength insured. Barn Building simplified 80 per cent, has enabled many farmers to build their own barns. (See pages 8 and 9.)

All Hardware (hinges, latches, track and hangers for rolling doors, latches for windows, etc.) furnished at no extra cost as well as all nails.

Gordon Dutch Doors furnished where desired, all built-up ready to hang. (See page 13.)

Loft Floor is six-inch, dressed and matched flooring—an absolutely tight, dust and hay seed proof floor. Not shiplap.

All Joists, Girders, and All Other Dimension Lumber, No. 1 in grade, ready-cut to fit.

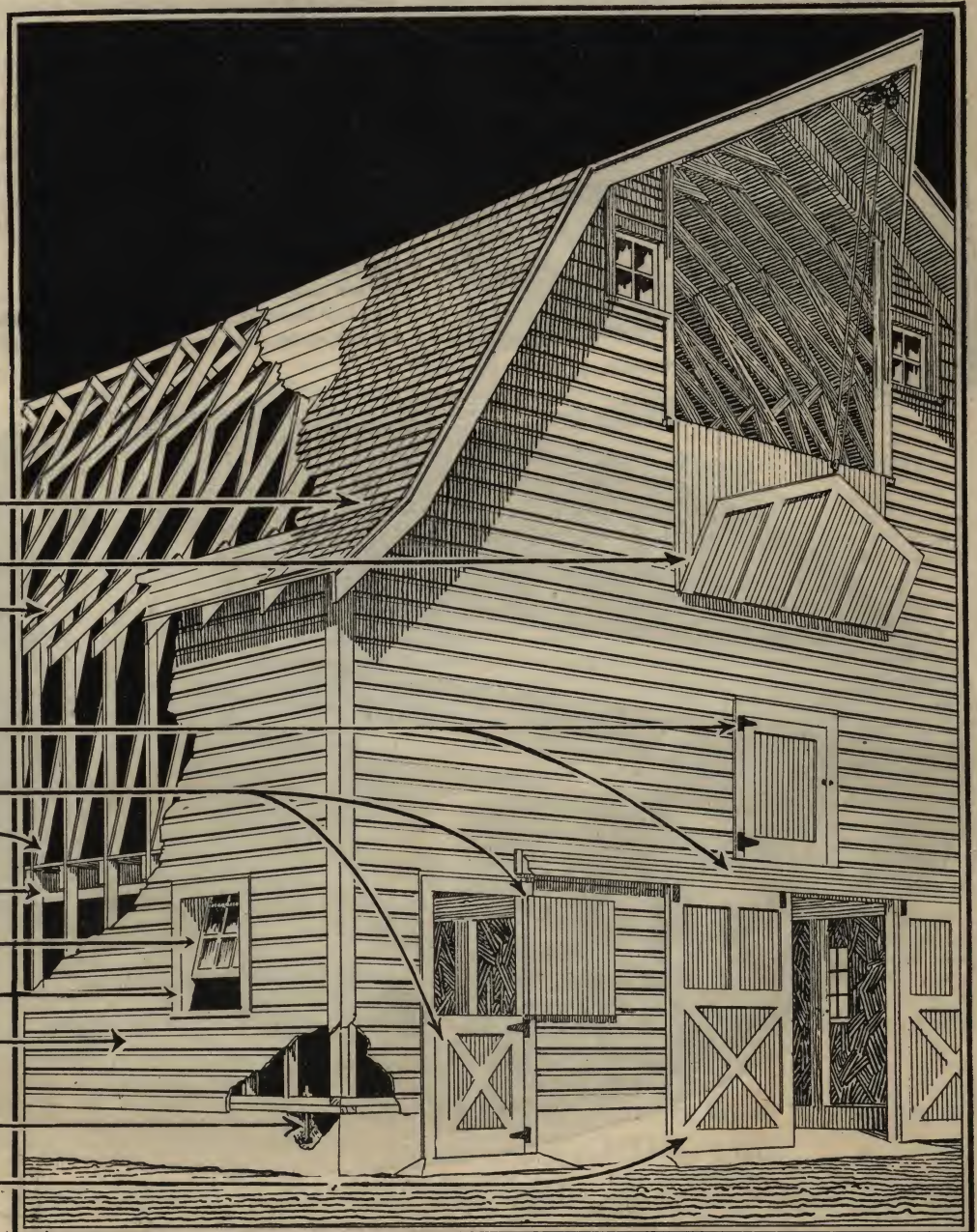
Ventilation Shields for all windows where necessary, shipped cut-to-fit, all bundled ready to nail up.

Window Frames ready-made, all cut and fitted, rabbeted, bundled and ready to set up. No making up frames on the job.

Drop Siding, covered with Best Quality Brand Mixed House Paint (lead, oil, etc.) enough for two coats for "Gold Medal" barns, an extra fine Barn Paint for "Standard" barns. Your choice of colors.

All Anchor Bolts furnished. Also all other hardware.

All Doors Are Factory-Built shipped all ready to hang at no extra cost. A fine heavy door, machine made and at no extra cost. Saves all carpenters' time making doors on the job and is a vastly superior door than the average home-made door.





How Ready-Framing Solves Barn-Building



View showing Ready-Cut Barn being assembled from Ready-Cut Stock Bins. 92% of a Ready-Cut Barn is taken right from these bins.



A corner of our big new Ready-Cut Factory

THE difficulties of barn building come at the start, in framing the barn. Even with the most complete and exact plan, it is difficult to do all the intricate calculating and marking and cutting that is necessary to get the material ready to frame up. In other words, the problem of barn building is the cutting of the *dimension* or *framing* lumber. You have probably often noticed a pile of lumber on a farm, and several carpenters busy with it, measuring and marking and sawing. You probably passed the same place several times in the next week or two and noticed that the men were still there, and still busy with their rules and their saws.

Then one day, almost like magic, the frame was erected and the real work of building started. From then on each day's progress was easily noted, and it took but a short time until the barn was finished—the tedious part, when little headway was discernible, was at first. But those carpenters were working all the time—they weren't getting anywhere because they were still *preparing the material for use*.

Years ago sawmills took the first step toward preparing the material. From the time the builder actually cut the tree himself, on down to the present, the trend has always been toward a more complete preparation of the material by machine before it reaches the carpenter.

The Gordon-Van Tine System of Ready-Framing marks the final step. By it all this laborious time-wasting labor is eliminated, for all the measuring, calculating, sawing, beveling, etc., is done in an incredibly short time at the factory, where it should be done. The carpenters are now entirely freed of this drudgery of preparing the material—they devote their time to the actual building.

Accurately drawn plans, with angles and joints figured precisely to the sixty-fourth part of an inch, enable us to employ the most accurate and wonderful machines. These machines, electrically driven, set accurately to the sixty-fourth of an inch, cut all this material absolutely true and exact at incredible speed.

Work Which Took Your Carpenter Hours, We Do in Minutes, and More Accurately

Cutting in huge quantities (our Ready-Cutting Factories have a capacity of nearly a half million feet of lumber per day) enables us to make tremendous savings for you. Our charge for ready-framing the largest barn is hardly fifty dollars. Think of it—all the framing lumber accurately cut, marked and bundled, ready to nail up, for but fifty dollars! Your savings through this fact alone mount into three figures. And think of the convenience. Your material comes all prepared. The men go right to work nailing up, instead of being on your place for weeks, for you to board and keep and your women folks to cook for; they go right to work building as soon as they get there, and in a few days they are gone, leaving your barn solid, substantial, well made. It helps the carpenter, too, for he can build so many more barns in a season.



One of the rafter machines. All rafters cut to mathematical exactness by beveled saws.



Our tremendous Gang trimmer There is a saw for every wheel, controlled by a pneumatic keyboard operated by the man at the right. Trims without waste.

Every Piece Marked to Correspond with Plans

Every piece comes to you plainly marked and the wonderfully complete Gordon-Van Tine blue prints show you just where each stick goes. These plans, which are furnished free, show every necessary piece of lumber, and the marks on the plans correspond to the marks on the lumber. It is so simple, skilled help really is not needed.

Our Customers Build These Barns Themselves

Many of our customers have erected Gordon-Van Tine Ready-Framed Barns themselves, with only the help of a handy man or two, and had absolutely no difficulty. Everything fits perfectly and goes up so easily—plans and directions are so simple, it really is no trick at all.

The man who does his own work can in this way save a good round sum, even though he may find it advisable to hire a carpenter part of the time.

For the Man Who Is in a Hurry

Ready-Framed Barns solve the problem of speed in erection. With all the preparation of the framing lumber done, the barn goes up in no time. Speed in erection of barns is very often most essential, and having the material come "Ready-Framed" insures quick results.

We cut and fit the studding, rafters, joists, plates, purlins, headers, sills, trusses, purlin braces, truss braces, wind braces—all those intricate, difficult parts that require time and skill. All these pieces come all ready for nailing, and because of our accurate marking system and wonderfully complete plans, it is no trouble at all to lay out the work and start the erection.

To gain an accurate idea of just what Gordon-Van Tine Ready-Framing means to you, turn to the illustrations on pages 19, 20 and 21. Here all the timbers are shown. Imagine the task of simply calculating all those intricate joints, figuring the angles and bevels, let alone sawing them out with hand saws! Just a glance at these framing details will be enough to convince you of the saving in labor in building Gordon-Van Tine Ready-Framed Barns.

But there is another point these drawings illustrate—the accuracy of the Gordon-Van Tine methods. Not only is

the task of figuring these difficult joints and angles a tremendous one, there are just as many opportunities for error as there are pieces shown. When your carpenter has to do the cutting, every cut means a separate calculation—a separate marking and sawing. How different it is at the great Gordon-Van Tine Ready-Cutting Factory. The angles have all been calculated and proved by accurate, painstaking work on the part of the architect. All that is necessary is to set the saws at the points indicated, start the machinery and feed the lumber through. In much less time than it takes the carpenter to simply get ready, the whole barn is framed—and absolutely accurately. The sawdust dropping from these great whirling saws is dollars in your pocket.

We do not cut the roof sheathing and siding for Gordon-Van Tine Barns because it does not make them any easier to erect and does not save you any money. Quite the contrary, in fact.

Ready-Made Window Frames and Doors

All the window frames for Gordon-Van Tine barns are cut and fitted and all doors and windows are, of course, made up. To allow for any door and window arrangement which will best conform with the special interior layout we design according to your instruction (see page 5), the siding for enclosing the barn from sills to joists is furnished uncut. This great advantage allows us to arrange the doors and windows any way that best suits you, instead of compelling you to take an arrangement which might not conform at all to your needs. We furnish special plans for this work which are so simple and easily understood that any handy man can do the work without any trouble.

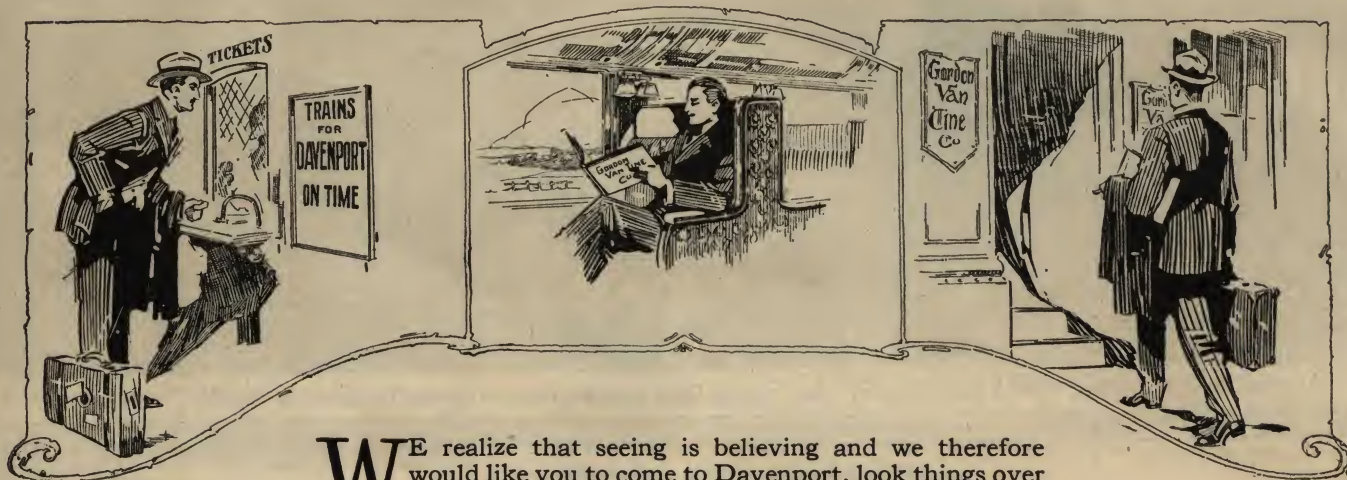
Why We Can Offer This Service

The reason that Gordon-Van Tine can offer this unexampled service to barn builders is due to our phenomenal success in selling Ready-Cut Homes. To handle this tremendous business we have equipped great factories in various parts of the country with machines of our own design, made especially to our order—wonderful wood-working machines on which our expert operators cut millions of feet of lumber each year. These are the machines that cut your barn framing lumber, and the same men operate them who cut all the lumber for the famous Gordon-Van Tine Ready-Cut Homes. For years we have tested out the Ready-Cut idea, and the fact that thousands of satisfied owners in all parts of the country are living in Gordon-Van Tine Ready-Cut Homes and have Ready-Framed Barns on their farms, proves more conclusively than anything we could say the entire practicability of the Gordon-Van Tine Ready-Cut System. This evidence and the great Gordon-Van Tine Guarantee are your insurance of satisfaction.

EVERY BUILDING IN THIS BOOK IS READY-FRAMED, thus insuring you accurate, sturdy, clean-cut construction, and SAVING you many dollars in construction cost.



Come to Davenport



WE realize that seeing is believing and we therefore would like you to come to Davenport, look things over and check up our statements so that you will realize

that what we have said is the truth. So we want to make you this offer: Come to Davenport, investigate in any way you desire and if you find that we have misrepresented in any way the quality of our goods or the scope of our service, we will allow your railroad fare both ways.

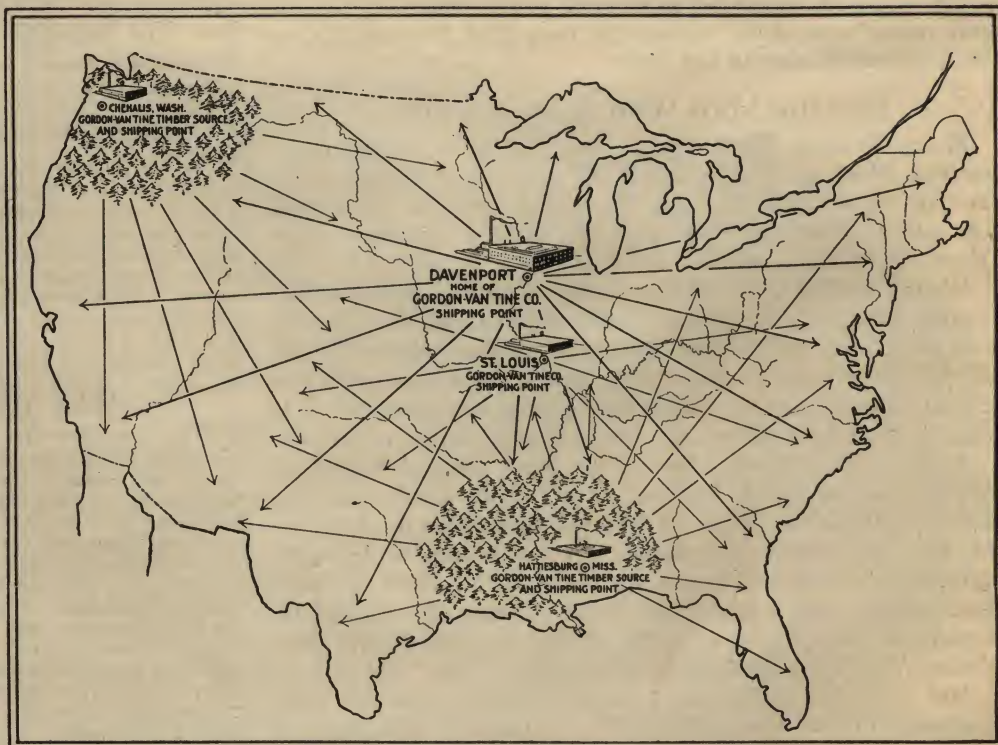
We make this offer sincerely and hope that you can avail yourself of it. *But remember, whether you can come to Davenport or not, the goods and the service are here for you.* The fact that we make this offer simply gives added proof and force to our guarantee. You can order from Gordon-Van Tine with absolute assurance of getting what you pay for.

About Freight Service, Shipments, Etc.

REMEMBER, it makes no difference of whom you buy, the lumber you get has to be shipped in and the freight charges have to be paid. If you buy locally they are simply added to your purchase price. You pay the freight no matter of whom you buy. When you buy of Gordon-Van Tine you are sure of securing the lowest possible freight rate because Gordon-Van Tine will ship you from the nearest source of supply direct. You certainly pay no more and you may pay less.

Five Mills and Factories

Gordon-Van Tine own and operate five mills and factories: Two at Davenport, Iowa, where most of the millwork, frames, inside finish, etc., are made; one of the largest assembling yards and factories in the country at St. Louis, Mo., a large mill and factory at Hattiesburg, Miss., and one of the finest mills and factories on the west coast at Chehalis, Wash. The lumber for your building will be shipped from whichever mill has the most advantageous freight rate into your community. If it comes from St. Louis it will be exactly according to specifications on pages 16 and 17. From Hattiesburg it will be the best quality southern yellow pine. From Chehalis, the best quality fir. All prices in this book are based on lumber figured at St. Louis and millwork figured



at Davenport. If you live nearer to Hattiesburg or to Chehalis we can quote you a much lower price shipped from these points.

Ask us our prices *freight paid to your station* before you let anyone tell you that Gordon-Van Tine's price is high.

Guaranteed Prices-No Extras

The "Gordon" Line—Hay Unloading Tools

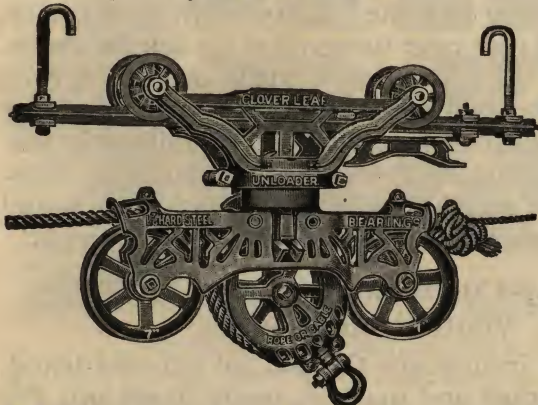
Sold Separately for Use with Gordon-Van Tine Barns

GORDON HAY UNLOADING TOOLS are of standard manufacture and fully guaranteed. We have been selling this line for many years and know they give perfect satisfaction. You may pay more, but you cannot buy better tools. These tools are manufactured by the largest manufacturer of hay tools in the world. They are sold in every country where such tools are used. Tools shown on upper half of this page make up our regular set with harpoon fork. If you want to use

slings or grapple fork shown in lower half of page be sure to specify it. Let us know just which set you want and we will quote you a price delivered complete. If you need a Cable Field Stacker Outfit or any tools not shown, we can furnish them and will be pleased to quote you prices. GORDON HAY UNLOADING TOOLS are in stock at Davenport and we make prompt shipment.

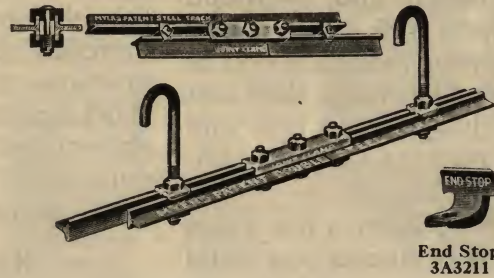
Select Your Hay Tools When You Write Us About Your Barn

Hay Carrier 3A3201

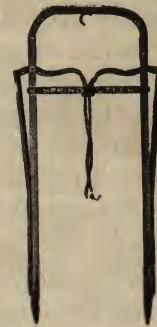


This Gordon Carrier is built for use on our steel track; long truck, designed for heavy work; no springs, nothing to wear out or cause trouble; 7-inch sheave; 1 7/8 inch steel bearings. The very best carrier obtainable.

Double Metal Rail Track 3A3202



Cut shows our patent double-steel track—two T rails clamped together. Note the sectional view. Extra heavy strong carbon steel; spliced joints held by heavy bolts, making an extremely rigid joint, very easy to put up. Fig. 3A3239 is our end stop.



Gordon Double Harpoon Fork 3A3219

Spring steel tines; malleable iron trip levers; center braces heavily riveted; length of tine 31 inches. Strong, heavy model.

Floor Hook 3A3213



Wrought iron 3/4 x 7 1/2 inch hook for fastening pulleys. Two furnished with each carrier.

Track Hanger 3A3203



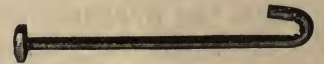
To fasten track to rafters. Stout malleable iron. One for each two feet of track.

Rafter Bracket 3A3215



Steel is crimped so track hanger hangs on round surface. One for each two feet of track.

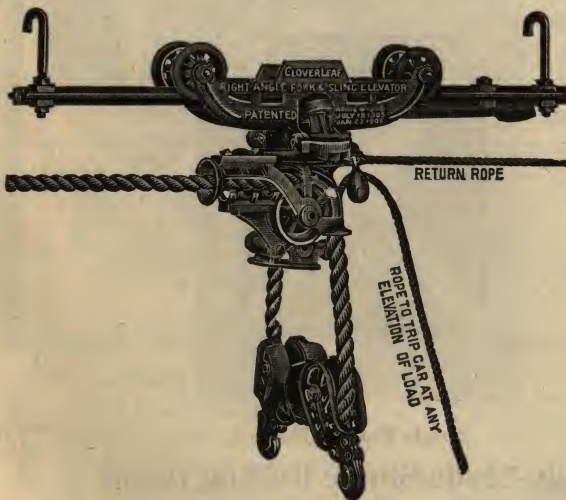
Eye Bolt 3A3247



Strong malleable iron, 14 inches long. Two for each carrier.

We regularly quote on hay unloading set with harpoon fork. However, we carry sling and grapple fork sets, shown below, in stock and will quote on them if you prefer.

Hay Sling Carrier 3A3233



An extra heavy carrier, for use with slings. It elevates load at right angles with the track, so load is discharged into the mow parallel with the load on the wagon. This and other features make this the most perfect working hay sling carrier on the market. No springs, or anything to cause trouble. Best malleable iron.

Hay Slings

Hay slings save time, as load can be unloaded in half the time as with ordinary fork. Handles clover, straw, baled and loose hay with equal ease. Comes in three sizes. Heavy hardwood bars, with best quality rope.

4-Foot Sling 3A3257



Seasoned ash cross bars; heavy strong rope and bolts; either 4 or 5 foot cross bars; length 17 1/2 feet; adjustable, however, from 15 1/2 to 19 feet.

6-Foot Sling 3A3259



Six-foot ash cross bars, best grade rope; extra strong slings; handles large loads and trips easily.

Rope furnished with our hay tools is best quality pure Manilla, made of selected long fibre, and all fresh new stock. Size trip rope, 1/4 inch; hay rope, 3/4 inch.

4-Tine Grapple Fork 3A3253



Steel spring tines, with spread, when open, of 5 feet 4 inches; penetrates hay easily; takes large loads and does not scatter hay.

6-Tine Grapple Fork 3A3255



High carbon spring steel; works on same principle as 4-tine; especially adapted to handling clovers, short hay and straw; handles loose or baled hay with equal ease.



Strong, Factory-Built Doors

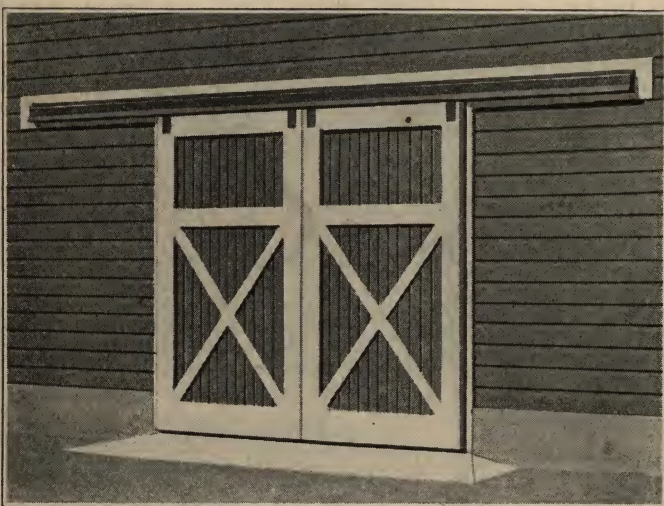
No Slapped-Together, Built-on-the-Job Doors on Gordon-Van Tine Farm Buildings

REAL Doors built complete in our factory furnished for Gordon-Van Tine Farm Buildings. We don't just ship you some extra siding and sheathing for your carpenters to make up into the average size braced flimsy barn door. Gordon-Van Tine doors are all heavy, fine doors with tight joints, made of the best lumber in our own factories, and come to you all built up ready to hang. They add at least 50 per cent to the appearance of your barn and give it that trim, snappy, well-built look which makes it stand out among the barns in your neighborhood as the superior building it is. Furthermore, they last as long as the building and always hang true and straight, for they are carefully made of the best non-warping materials.

Did you ever see a home-made barn a few years old that did not sag or hang out of line so you could not close it some way? Doors are generally the poorest and weakest part of the average barn, and cause the most trouble. The only way to get real barn doors is to make them up in a specially equipped door factory just as other doors are made; and this is what Gordon-Van Tine do.

Doors That Will Stand Wear and Weather

Both in material and manufacture they are made to stand the weather and the wear they will receive. We use only the highest grades of lumber—such woods as Cypress, Redwood, Fir, and White Pine, which are famous for their non-warping, non-rotting qualities. They will hang true and straight—no cracks to let in cold and snow and no sticking or binding.



Ready-Made Double Rolling Doors

As shown above, furnished for barns and other buildings illustrated in this catalog wherever illustration or plan designates such doors. They are manufactured in our own plants of finest material shipped built up, ready to hang, and furnished complete with weatherproof track and hangers and other hardware

as shown on specification pages. Their fine manufacture and clean-cut appearance add much to the value and good looks of your building. These doors are furnished in a variety of suitable sizes.

A Big Saving in Money

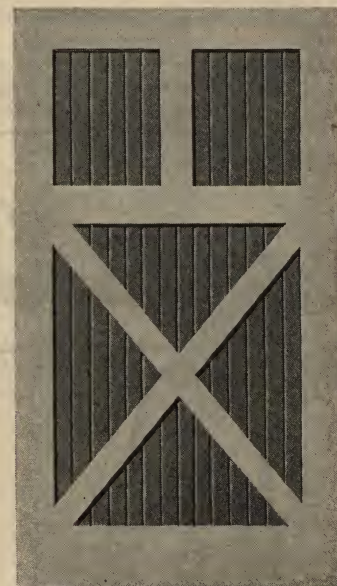
Gordon-Van Tine Ready-Made Doors represent a net saving to you in the cost of your barn. To build doors of anything like the quality of these doors on the job, would cost over twice what we ask for doors, material and all. We make them on our special machines very rapidly, and utilize a good deal of fine short-length lumber from our other millwork machines, and so furnish them at a cost but very little over what the rough lumber, not made up, would cost—saving practically all the labor cost for you.

Ready-Cut Window Frames and Ventilation Shields

All window frames are shipped all cut and fitted, rabbeted, bundled and marked, ready to set up. No sawing on the job—a great saving in labor. Ventilation shields are also cut and fitted and bundled. Made of finest material.

All Hardware Is Furnished

We furnish all necessary door and window hardware, including hinges, latches, weatherproof, roller track, hangers, etc., where necessary, at no extra cost.



Single Rolling Door

Ready-Made Single Rolling Doors

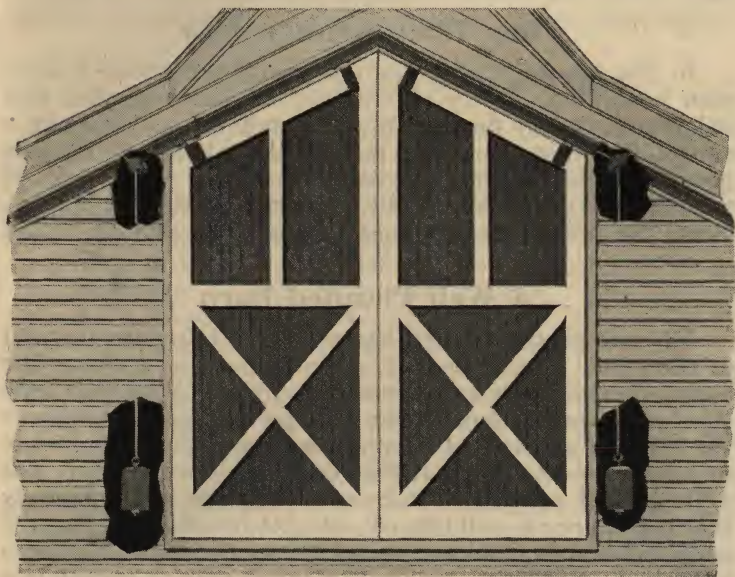
This finely manufactured door is furnished wherever shown on the floor plans or illustrations. Furnished complete with weatherproof track and hangers, Gordon Latch and stay roller—shipped all built up ready to hang. Our stock of these doors includes many sizes. Appropriate sizes are furnished wherever pictured or specified.



Guaranteed Prices-No Extras

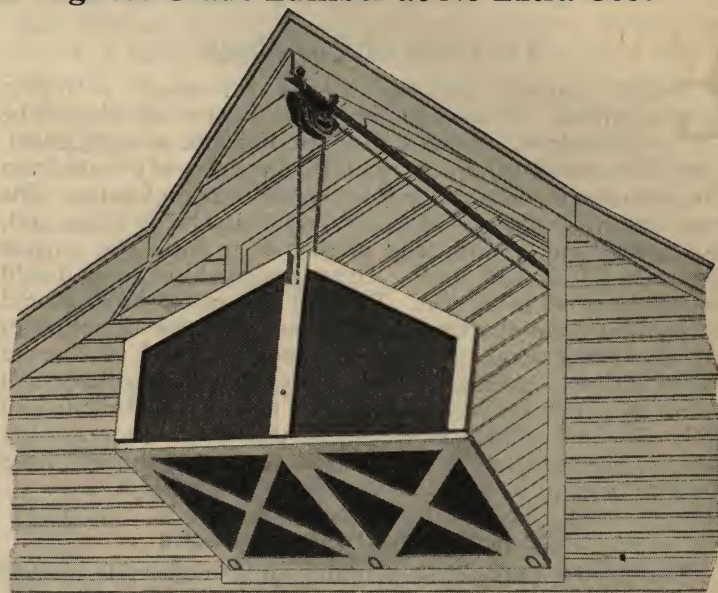
Excellent Material—Shipped Ready-to-Hang

These Are Genuine, Heavy, Machine Made of Highest Grade Lumber at No Extra Cost



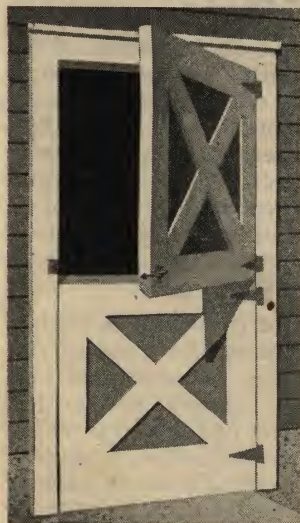
Ready-Made Rolling Hay Door

SHIPPED on barns where illustrated on following pages. It is furnished for most of our "Gold Medal" barns. Hung on roller-bearing trolley track hangers that operate inside of a bird-proof track, counterweighted so that they can be opened and closed with least effort. Counterweights hung inside. Doors made in two parts and opened by slipping down under gable projection. This unique arrangement is best yet devised for hay doors. Complete hardware is furnished as listed under "Gold Medal" specifications. These doors furnished for openings 10 feet wide and 12 feet high. Doors are built up complete at our factory and shipped to you ready to hang. Best quality material and finest workmanship.



Hinged Gable Hay Door

THIS unique and very convenient hay door is made up complete at our factory and shipped to you ready to hang. Made of finest door lumber by experienced workmen. It is furnished on barns where shown in the illustrations on following pages. It is hung at its lower end by three special offset hay door hinges. Hinged at center by heavy hinges making it easier to raise and lower and less liable to damage than one piece door. Door furnished for opening 9 x 11 feet.

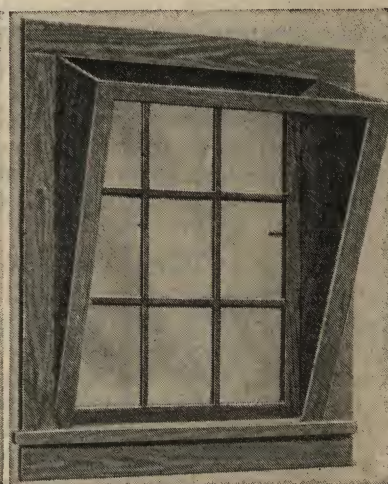
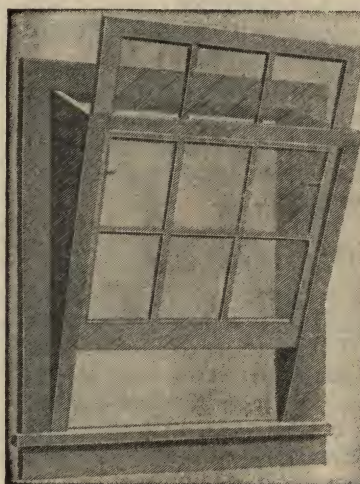
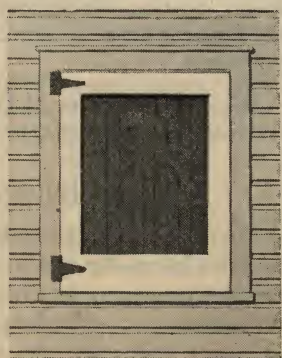


Ready-Made Dutch Doors

FURNISHED on barns for all openings approximating four feet where hinged door is shown on plan. Built up complete at our factory and furnished to you ready to hang. Comes in two sections as shown—upper half overlapping, also permitting top half to be hooked back for ventilation. Furnished with extra heavy hinges, Gordon latch and hook and staple.

Loft Doors—Furnished Built-Up

THESE doors are built up in our factory and furnished you all ready to hang, together with necessary hardware. They are furnished with all Gordon-Van Tine barns having haylofts and placed as shown in illustrations just above hay mow floor. An exceedingly well-built door furnished you, entirely manufactured at practically the cost of the rough material bought locally.



Gordon Window Ventilation Shield

ILLUSTRATION shows view from inside of barn. Shields are fixed to inside window casing and allow windows to be tilted back so that air does not blow directly upon the animals. Window can be fastened in any position by window spring bolts as shown above. Shipped together with ready-made frames for all Gordon-Van Tine barns where shown. Are an exclusive feature of our barns. They are furnished all ready to nail up. Made of the best materials and all ready cut and fitted.



Things Builders Need to Know

Location of Buildings

GOOD natural drainage of the farmstead is highly desirable. If that is not possible, the site should be tile-drained. When a new building site is being developed the dwelling may be placed about twenty rods from the main road. A South or East exposure is preferable. The barn should be placed 150 to 200 feet from the dwelling, and, if a dairy barn, the favorite method is to have the longest dimension North and South. Other principal buildings should be separated 40 or 50 feet. The hog and cattle yards should be farthest from the dwelling and never in the direction of the prevailing wind. Implement houses should be located where easily accessible, by teams moving between fields and barn yard. Poultry houses should be nearer the dwelling and orchard. They should be so placed that there are no heavy gates to open or muddy road to cross in getting to them from the dwelling.

We Make Farmstead Plans

The proper and detail planning of a modern farmstead requires a familiarity with farm life, live-stock husbandry, crop rotation and tillage, as well as experience in designing. Our engineers are selected for their special fitness for, and experience in designing and grouping farm buildings. We offer their counsel or active assistance in laying out the building site. When possible we will send a man to look over the ground and make the plan. Frequently we can develop a plan from the written information and a rough sketch furnished by the patron.

Size of Building

The size of the building will, of course, depend on what it must contain. A very common mistake is to build without making provision for growth, for natural increase of herds, flocks and forage. Reference to the Catalog price columns will enable you to determine the tonnage capacity in lofts of barns of different sizes.

Barns should seldom be more than 40 feet wide. A greater width is objectionable on account of difficulty in lighting, and economical use of floor space, and further for the reason that they are unnecessarily expensive on account of the heavier roof construction that must be employed.

Why A Large Hay Loft?

Now that the silo is in general use, not so much hay is being fed, and this is sometimes advanced as a reason for cutting down the size of the barn loft. To do so, in a majority of cases, would mean that the oats and other straw and stover is to be left in the field and wasted. We have reached a point in American farming where it no longer pays, if it ever did, to waste the by-products; the straw and corn stalks. The Eastern farmer, with land not naturally so productive, builds large barns and saves, in the best condition, all he produces by storing it all in the barn. We are of the opinion that such practice must soon become common in the Corn Belt States. The loft of a barn is comparatively inexpensive. In a way, we pay for it whether we have it or not, for the chief items of cost are the foundation and roof. Increasing the height of a building does not add proportionately to its cost. Loft room costs so little that it is seldom true economy to restrict its size.

Hay Mow Capacities

Gordon-Van Tine barns have loft capacities sufficient to contain the hay and bedding needed for horses and cattle that the barn floor will accommodate. The barn lofts balance up with the ground area and store a nine months' supply of hay and straw.

Floor Plan Arrangement

In the general utility barn no standardization of floor plan is possible. In the several hundred barns we plan and sell yearly, no two floor plans are exactly alike. We make a special floor plan for each individual building. With this book we enclose an Information Sheet for the convenience of patrons, who can make us fully acquainted with their requirements by filling out the questionnaire and mailing to us.

A Well Planned Barn

All intelligently planned barns have certain good features in common. They are built on a well drained site. The approaches to doors are of concrete, ribbed. The floor level is at least 6 inches above grade. The girder posts that support the loft load are secured to concrete piers. Sills are bolted to foundation walls. The loft floor is dust and seed tight. The well planned barn has windows of such size and frequency that the interior is well lighted. Double-boarded and papered walls and double windows are sometimes desired in Northern latitudes. Ventilation by a well planned gravity system is a modern requirement and adds materially to the health and thrift of the stock, and also to the life of the building. (See page 18 for further information on Ventilation.)

The well planned barn is a handy barn; one in which the feeding and cleaning can be done with the least effort. Modern cow stalls, drinking cups, litter and feed carriers play an important part in reducing barn labor costs. Creosoted wood block stall floors are durable, sanitary, and promote animal comfort. See page 64 for further description.

Dairy Barn Plans

Cattle in a double row running with the length of the stable, facing either in or out, is the standard arrangement for dairy barns. We find them most often built 36 feet wide. That width, with a 10-foot ceiling, was presented by eastern Boards of Health as right from a consideration of air supply and sanitation and from such sources the width of 36 feet became established at a time prior to the general use of modern ventilation systems. As a matter of present-day fact, a barn of less width has greater utility. Now that modern methods of ventilation insure an abundance of pure air, regardless of the width of the barn, we may build a barn only as wide as convenience suggests.

From a standpoint of strict utility, it is difficult to explain why a width of more than 32 feet is required for a double row of cows facing a center feeding passage. A milk cow in a modern dairy stall, including cement manger and gutter, requires 9 feet in length and from 3 feet to 3 feet, 6 inches in width. In a barn 32 feet wide, the center feeding passage is 5 feet wide between mangers. The cleaning passage back of the gutter is from 4 feet, 6 inches to 5 feet to outside of barn wall. Additional width only adds to the floor area to be kept clean, to the initial cost of the building and to the difficulty of maintaining a comfortable stable temperature in cold weather.

We prepare special plans for dairy barns on request. In writing for them, please use the **INFORMATION SHEET**.

Driveways in Dairy Barns

It is generally considered poor practice to have a driveway in dairy barns for the purpose of using a spreader in cleaning. Such driveways require valuable space, and are in other ways objectionable. Overhead carrier cleaning systems can be had at lower first cost and are more satisfactory and convenient.



Guaranteed Prices-No Extras

About four out of five dairy barns purchased of the Gordon-Van Tine Company are arranged with cattle in two rows, facing a center feeding passage which, we think, shows clearly the general preference for barns without driveways.

Should Cows Face In or Out?

Advantages claimed for facing cows to a center feeding passage are that cattle are fed two or three times daily—the barn cleaned but once, hence labor is saved by having the feeding done on the shorter route. Cattle do not face into the sun's rays from the windows in the side walls. The gutter and stall bed are in a position to receive the sunshine and be dried and disinfected. Cattle enter barn through two doors generally, and find their stalls with less confusion and crowding. Center feeding passage convenient to usual location of silo. Those dairymen who prefer having the cows face the side walls of the barn, tails opposed, are influenced in their choice of arrangement by some of the following things: advantage when milking; can drive through, loading spreader directly from the gutter or the litter carrier can serve both gutters; side walls are not soiled by the cattle; a visitor can view both rows of cattle easily and from the favored viewpoint.

Farm Buildings

Because lumber is the most adaptable of all building material—used and available everywhere, we are inclined to take its good qualities for granted, overlooking the fact of the permanency of some kinds. There are, among our commercial woods, several that compare favorably in durability with brick or tile. The Encyclopedia Britannica, in reference to cypress, states that the doors of the ancient St. Peter's Cathedral at Rome, when removed by Eugenius IV, were about eleven hundred years old and in a perfect state of preservation. To those who have not given the subject investigation, the statement that wood will keep sound eleven hundred years is rather startling, but we may not question that authority. We are so accustomed to building with any lumber that is at hand, regardless of the fitness for the purpose, or permanency when exposed to moisture, that we need to be reminded that lumber, like post wood, varies greatly in inherent ability to resist decay; that while one wood is durable only when kept dry, there are kinds that need no protection to render them of great permanency.

We naturally associate hardness with ability to endure, both when thinking of lumber or clay products, such as brick or tile. It is interesting to note that just the reverse is true of lumber. It is the soft woods that stand exposure and best resist decay. Cypress, cedar, fir, redwood, white pine, are of the soft wood, easy and pleasant to work, yet very slow to decay. Cedar, a soft wood, is practically indestructible as regards decay.

In order to understand why some woods outwear brick or tile, it is necessary to have in mind the fact that frost—frozen moisture—in lumber does not destroy its fabric as is the case with clay products or stone. All brick and stone contain some moisture; as this congeals or freezes, enormous force is exerted, which, in time, destroys the fabric and disintegration takes place. The freezing and thawing that does lumber no harm will, in time, destroy a harder material. The permanency of a lifetime and more, can be had in our farm buildings without the excessive use of stone or tile and the attendant high cost. The Gordon-Van Tine Company with mills and factories in the North, South, and on the West Coast, have access to all principal sources of supply of good lumber, and can, and do furnish the appropriate and best wood for each part of a farm building.

**If You Want
the Best Barn
for the
Least Money
Build of Wood!**

Hog House Plans

The hog house with a double row of 6 x 8 or 8 x 8-foot pens has become standard. Modern requirements include large areas of glass so placed in the roof that the sun's rays fall directly on the pen floors. They are built low to be more easily kept at a comfortable temperature in cold weather. Good hog houses have foundations, six inches or more above floor level, to prevent drafts on the floor. The pen floors are of concrete, hollow tile or creosoted wood blocks, and the buildings are ventilated by simple gravity systems. They are usually built 24 feet wide and have an eight-foot center passage way for feeding and exercise of the litters.

Outside doors are generally provided for each individual pen and these doors have concrete approaches. Overhead carrier systems are quite generally employed to convey feed and to remove the soiled bedding. Stationary cement troughs that may be filled from the center passageway are always in position and are durable. Our "Sunlight" hog house windows are used in the roof. These have a steel frame and are absolutely waterproof. The glass is protected from hail by a strong, galvanized wire screen. Plenty of sunshine in the pens keeps them warm and dry. This window will give more years of service than any we know of.

Keep Your Hogs' Feed, Water, and Bedding Under One Roof

Much time and labor in caring for hogs can be saved by providing space for feed and bedding when building the hog house. We present in Plan Nos. 488, 495, and 491 on pages 46 and 47, buildings of this character.

Hog houses used for caring for February and March litters should maintain a temperature above freezing. To accomplish this and to drive out dampness and have the pen floors, dry, some artificial heat is needed.

When the Commissary style of hog house is built, the heater may be placed in the feed and mixing room and the circulating hot water pipes carried to the far ends of the farrowing house, either under or above the pen floors.

Poultry House Designing

The successful poultry house has a floor of clay, cement, or gravel, raised 10 inches above grade. It is given a location with good natural drainage and provides a floor space of three square feet for the smaller and four square feet for the larger breeds. The body temperature of poultry is 6 to 9 degrees Fahrenheit above that of domestic animals, and their coat of feathers is splendid insulation against frost. Poultry houses should be sunny, dry, well ventilated, but free from drafts and sudden changes in temperature. The single wall, open front house, such as our Designs No. 489, or No. 477, is the most successful type for all latitudes.

Grain Storage Houses

The Masterpiece combined double corn crib with grain bins over a center driveway, furnishes farm grain storage at a surprisingly low cost per bushel. This two-story type of Granary, as illustrated on pages 56 and 58 is rapidly replacing the older style one-story corn crib and grain bin, because of the saving in labor and storage cost it makes possible.

The cost per bushel of storing grain twelve months in a Masterpiece Granary is about 1/2 of the cost of storing in the one story type of granary, not figuring anything for saving in labor or greater convenience.

The Farm Water Supply

A dependable supply of pure water is of paramount importance. The elevated supply tank filled from well by pumping with wind, gas, or electric power is a common arrangement, and satisfactory when the volume of water is sufficient to insure its freshness. With such systems much care must be taken to protect down pipes from frost.

The storage tank air pressure systems deliver water under considerable head and are especially desirable for farm residences, and for watering a few head of live stock. We can furnish such systems complete with engine or motor. Write for special circular.



The Material We Furnish for Gordon-Van Tine "Standard" Farm Buildings

"STANDARD" buildings are like the good barns in your neighborhood, strong, substantial and economical. They have no frills, but are fine appearing and are good all the way through and are the best barn buy you can possibly make.

If your lumber is shipped from St. Louis it will conform

Lumber

Dimension Lumber: All framing lumber, such as sills, studs, joists, rafters, etc., No. 1 yellow pine, *cut-to-fit*, except rafters on Gothic-roof barns.

Girders: No. 1 yellow pine, built up of 2-inch plank, breaking joints—*cut-to-fit*. These girders have greater strength than a solid timber and as they are in one piece without joints, the position of posts supporting them can be changed to suit the arrangement of stalls, mangers, etc.

Outside Walls: Siding shown in illustration.

Horizontal—1 x 6 No. 1 yellow pine drop siding.

Vertical—1 x 6 No. 1 yellow pine V joint vertical siding, or 1 x 12 No. 1 yellow pine barn boards with O. G. fir battens.

Bevel Cribbing: For corn cribs, No. 1 yellow pine.

Outside Trim: Corner boards, frieze, fascia, etc., all No. 1 yellow pine.

Roof Sheathing: No. 2 yellow pine shiplap, laid solid.

Roofing: Jap-A-Top slate surfaced, dark red roll roofing; fire-resisting, guaranteed for fifteen years.

Loft Floors: 1 x 6, dressed and matched, No. 2 yellow pine flooring.

Doors: All outside doors are built in our factory as shown on page 12, ready-to-hang, made of 4-inch tongued, grooved and beaded lumber. The doors are nailed with round head clout nails. All outside doors are furnished as shown in illustration. Gable hay doors are furnished where shown in illustration, but only on one end of the barn. Inside doors are not included in the catalog price, but can be added with other interior equipment as needed.

Window Frames: Clear white pine, *cut-to-fit*, ready to set up, bundled and marked, one complete frame to a bundle. Read page 12 for description of ready-cut frames.

NOTE: Because of special construction in plan No. 477, 479 and 489, frames are not ready-cut, but clear lumber is furnished in suitable lengths for making them on the job.

Windows: Clear white pine sash, glazed with clear glass, provided with ventilation shields on Dairy Barns.

Hardware

Driveway Doors are furnished with weather-proof track and roller bearing hangers. Gordon barn door latch and stay rollers.

Dutch Doors: Six-inch heavy strap hinges and heavy screws, Gordon barn door latch and gravity catch, hook and staple.

exactly with specifications below, or to those on the opposite page. If from Hattiesburg, Mississippi, it will be the best quality southern yellow pine. Best quality fir will be shipped from Chehalis, Washington. More detailed statements will be found on page 10.

Rolling Gable Hay Doors: Two pair heavy trolley type roller-bearing flexible hangers, operating inside a tubular track (cannot jump track or be obstructed by nesting birds) 40 feet of Sweede's $\frac{1}{4}$ -inch iron cable, four special iron sheave pulleys, four $\frac{3}{8}$ -inch screw hooks, heavy hook and staple, two heavy washers.

Hinged Gable Hay Doors: Three special offset hinges and bolts, door eye bolt and washers, three 6-inch safety hooks and staples.

Windows: Swinging windows are complete with galvanized hinges and fasteners.

Anchor Bolts: Furnished with all buildings that have sills.

Iron Dowel Pins: Furnished for all posts that foot on concrete.

Bolts: Used extensively in Gordon-Van Tine barn frames and for securing grain bin sills to cement floor. In Gothic roofs and Shawver truss roofs, bolts are furnished exclusively for framing rafters and trusses.

Nails: Proper size and amount of wire nails for all purposes.

Building Paper: Tarred felt, one roll to protect lumber when in the pile.

Paint

Two coats are furnished for the entire outside of the barn, red mineral paint for the body and Quality white for the trim.

Tinwork

We furnish a heavy grade of tin, painted both sides, for flashing around dormers, doors, windows and where called for by plans.

Special Equipment

As the floor plan of each building must be laid out to suit the requirements of the owner, it is impossible to include inside equipment in our catalog prices. Complete guaranteed prices will be quoted as soon as we know what you want for stalls, bins, etc.

Plans and Instructions

Complete working blue prints and specifications are furnished *free* for each building.

Foundation Materials

We do not furnish cement, brick or stone. When such material is shipped with lumber, a higher freight rate is charged. For that reason such materials should be bought locally.



Guaranteed Prices-No Extras

The Material We Furnish for Gordon-Van Tine "Gold Medal" Farm Buildings

"**G**OLD MEDAL" barns are just like our "Standard" buildings, but with extra careful selection of material for sills, siding, shingles, etc. For the man who is willing to invest a little more money, we recommend our "Gold

Medal" barns as the very finest that can be bought, and our large volume of business and strategic location of mills enables us to provide this extra quality at an extremely reasonable figure.

Lumber

Sills: Cypress or fir bolted to foundation *cut-to-fit*.

Girder Posts: Solid timbers of cypress or fir secured to footing by iron dowel pins.

Dimension Lumber: All studs, rafters, joists, girders, and other parts of the framing lumber are No. 1 yellow pine, *cut-to-fit*, except rafters on Gothic-roof barns.

Girders: No. 1 yellow pine, built up of 2-inch plank, breaking joints, *cut-to-fit*. These girders have greater strength than a solid timber and as they are in one piece without joints, the position of posts supporting them can be changed to suit the arrangement of stalls, mangers, etc.

Bridging: For loft joist, 1 x 3 No. 2 yellow pine, *cut-to-fit*.

Outside Walls: Each "Gold Medal" building has one of the following kinds of siding. Fir and white pine are the very best woods for exposure to the weather, and are furnished in the best grades.

Vertical Beaded Siding—1 x 6 clear fir, free from knots.

Horizontal Drop Siding—1 x 6 clear fir, free from knots.

Vertical Barn Boards—1 x 12 selected white pine, with galvanized metal battens.

Bevel Cribbing: For corn cribs. Outside cribbing, No. 1 cypress; inside cribbing, No. 1 yellow pine.

Outside Trim: Cypress or Fir. This includes corner boards, fascia, frieze, etc.

Windows: White pine sash, glazed with clear glass and provided with ventilation shields, on Dairy barns, as illustrated on page 13.

Window Frames: Clear white pine, *cut-to-fit*, ready to set up, bundled and marked, one complete frame to a bundle.

NOTE: Because of the special nature of building No. 414, frames for them are not ready-cut, but clear lumber is furnished in suitable lengths for making frames on the job.

Doors: All outside doors are built in our factory, ready to hang, white pine or redwood 4-inch tongued, grooved, and beaded lumber. The doors are nailed with round-head clout nails. (See pages 12 and 13 for full description.)

One gable hay door is regularly furnished for each barn except those where hay door is not required. A smaller loft door below main hay door is furnished for each end of the barn where such a door is shown in catalog illustration. Inside doors are not included in the catalog price, but can be added with other interior equipment as needed.

Floors: Loft floor, No. 1, 1 x 6 dressed and matched yellow pine flooring so that hay seed or chaff will not work through.

Driveway: Floor above stable, No. 1, 2 x 6 tongued and grooved yellow pine plank.

Stable: No material for stable floors is included in the catalog price of our buildings. We recommend Gordon wood blocks, described on page 64.

Roof Cornice: Overhanging eaves faced up on top of exposed rafters with No. 1 dressed and matched and beaded yellow pine.

Roof Sheathing: 1 x 4 No. 2 yellow pine except on Gothic-roof barns where 1 x 6 is furnished.

Roof Shingles: Extra clear, 5 to 2 Washington red cedar. Cost more than common shingles, but worth the difference. Laid 4 1/2 inches to the weather.

Hardware

Driveway Doors are furnished with weather-proof track and roller-bearing hangers, Gordon barn door latch and stay rollers.

Dutch Doors: Six-inch heavy strap hinges and heavy screws, Gordon barn door latch and gravity catch, hook and staple.

Rolling Gable Hay Doors: Two pair heavy trolley type roller-bearing flexible hangers, operating inside a tubular track (cannot jump track or be obstructed by nesting birds), 40 feet of Sweede's 1/4-inch iron cable, four special iron sheave pulleys, four 3/8-inch screw hooks, heavy hook and staple, two heavy washers.

Hinged Gable Doors: Three special offset hinges and bolts, door eye bolt and washers, three 6-inch safety hooks and staples.

Windows: Swinging windows are complete with galvanized hinges and fasteners.

Anchor Bolts: Furnished with all buildings that have sills. The bolts will be shipped in advance of other material when desired.

Iron Dowel Pins: Furnished for all posts that foot on concrete.

Bolts: Used extensively in Gordon-Van Tine barn frames and for securing grain bin sills to cement floor. In Gothic roofs and Shawver truss roofs, bolts are used very liberally in framing rafters and trusses.

Nails: Proper size and amount of wire nails for all purposes. Shingle nails are galvanized.

Building Paper: Tarred felt, one roll to protect lumber when in the pile.

Cupolas and Roof Ventilators are not included in price, but are quoted separately in accordance with number and style desired.

Paint

Quality brand best grade mixed house paint for two coats, to cover all outside lumber and trim. Your choice of colors.

Tinware

We furnish a heavy grade of tin, painted both sides, for flashing around dormers, doors, windows, and where called for by plans.



Gordon-Van Tine Scientific Barn Ventilation

Guaranteed Right Scientific Ventilation Systems Planned and Sold with All Gordon-Van Tine Barns at Small Extra Cost

WE are equipped to plan and supply Ventilation Systems for every Barn we sell.

Our ventilation experts are the peers of any, and knowing Gordon-Van Tine construction as they do they are able to plan the systems which will be most efficient at the least cost and will not weaken or disturb the fundamental construction of the barn in any way.

All material for ventilating systems will be shipped right with the barn, and complete plans for installing sent with the other blue prints.

The ventilation system depends primarily on the floor plan—the number and kind of animals, arrangement of stalls, bins, etc., being the contributing factors. Every barn therefore presents a different problem which can only be worked out after the floor plan is decided upon. When you fill out the “information blank” just tell us you want ventilation and we’ll quote you the lowest wholesale price on the material necessary and draw the plans free.

The Most Profitable Part of a Barn

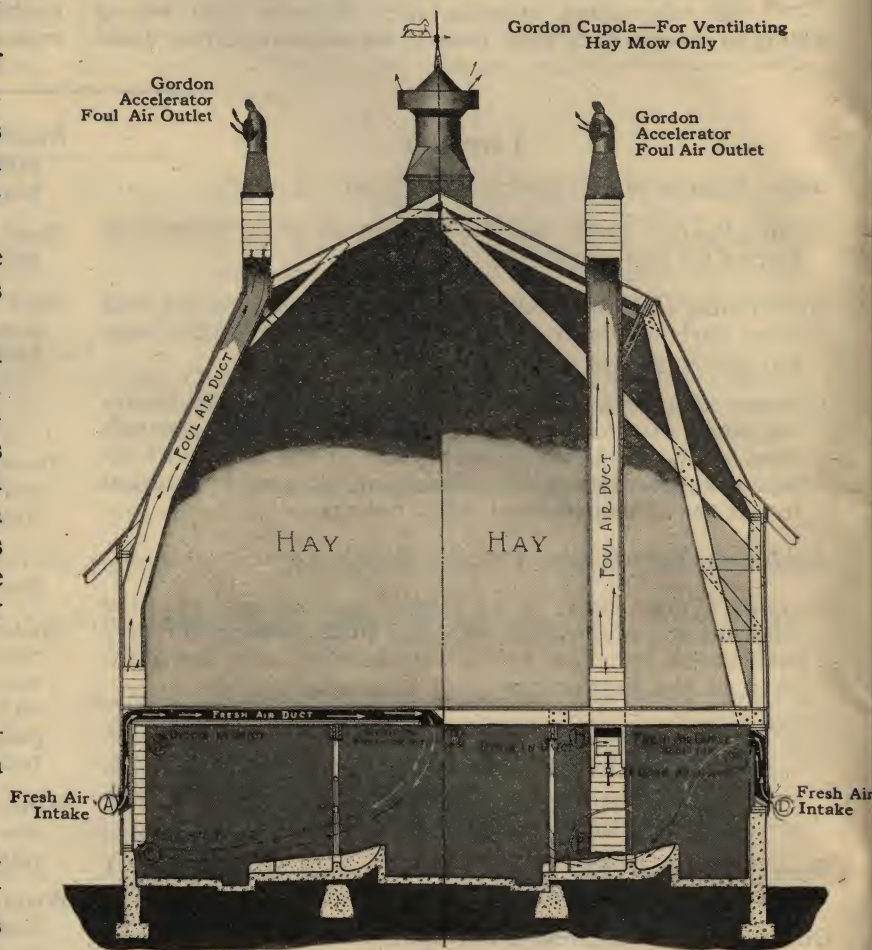
You’ll find it a mighty profitable investment—your feed will go farther and your stock be much healthier. Many a valuable herd of animals has been condemned and slaughtered by the authorities because of contagious diseases contracted in an unventilated barn. Lack of sanitary conditions and pure air in and about stables is largely the cause of the spread of the contagious diseases that yearly take such heavy toll of our herds.

Horses or cattle consume daily just about twice the weight of air that they do of feed and water combined. In poorly ventilated barns the air is breathed over and over again and becomes damp and charged with poisonous gases. Live stock that are compelled to breathe such air cannot resist disease or recover from it readily.

Pure Air Bulk—In Weight—Is the Largest Factor in the Ration

The air breathed by an animal is a part of its ration. A horse or cow breathes daily a greater weight of air than it consumes of feed and water combined. Pure air, like sound grain, increases weight and thrift. Foul air that has been repeatedly breathed is injurious—often deadly.

In poorly ventilated barns the air is damp and foul. Animals that are shut up and compelled to breathe impure air, do not thrive, and cannot resist disease. Nature has supplied pure air in lavish abundance and science has shown a way to admit it to our farm buildings without making the building too cold in winter, or causing injurious drafts.



This Half Shows Ventilating System for Cows Facing In

This Half Shows Ventilating System for Cows Facing Out

Gordon-Van Tine Systems

Gordon-Van Tine ventilating systems are practical, efficient and inexpensive. They are worth more than they cost, and they cost so little that they should be purchased and installed in all barns in Northern climates. There is no barn equipment so important as ventilation equipment, and none that adds so much of practical value in proportion to its cost.

How It Works

Gordon-Van Tine ventilation systems are the simplest and most effective means of supplying pure air and controlling barn temperature. They draw out the foul damp air and bring in pure. They are especially designed to meet the requirements of each individual barn. The illustration shows in a general way the principle on which they operate. The foul air is taken off near the floor through foul air ducts—the fresh air enters through openings in ducts built in the side walls or ceiling. Dampers regulate the volume of fresh air admitted.

Guaranteed Prices-No Extras

Plank Frame Trussed-Roof Style

*All Framing
Cut-to-fit*

Ridge Board—1x8-inch. Cut-to-fit

Collar Beam—2x6-inch, 2-feet on center. Cut-to-fit.

Rafters—2x6-inch, 24-inches on center. Cut-to-fit.

Purlin Brace—Double 2x6-inch brace under ends of purlin, in gable end framing. Cut-to-fit.

Purlin—Double 2x10-inch. Cut-to-fit.

Trusses—12-feet on center and 14-feet on center of 2x12-inch principal, with struts, braces and purlin posts. 2x8-inch strap on each side of joist under trusses. Cut-to-fit.

Rafters—2x6-inch, 24-inches on center. Cut-to-fit.

Mow Floor—1x6-inch; dressed and matched.

Top Plate—Double 2x6-inch. Cut-to-fit.

Cross Bridging—1x3-inch double cross bridging in each span of joist. Cut-to-fit.

Joists—2x10-inch, 24-inch on center. Cut-to-fit.

Girders—Built up of 4 thicknesses of 2x10-inch plank. Cut-to-fit.

Studs—2x6-inch, 3-feet on center. Cut-to-fit.

Purlin Post—Double 2x10-inch. Cut-to-fit.

Girt—2x6-inch girts. Cut-to-fit.

Ribbon—2x10-inch ribbon under joist. Cut-to-fit.

Double Studs Under Every Truss. Cut-to-fit.

Triple Corner Studs. Cut-to-fit.

Sill Plate—Double 2x8-inch. Cut-to-fit.

Foundation Bolts— $\frac{3}{4}$ x16-inch.

Girder Posts—Solid 6x6-inch, about 8-feet on center. Cut-to-fit.

The sizes of material shown are for this particular width in this barn only. Other sizes of this barn and other barns have slightly heavier or lighter framing according to size. There are also slight changes in the design of framing in some of the smaller sizes.

The truss principal is not curved—that it looks to be, is an optical illusion

Cross Section of Trussed-Roof Barn No. 428—40 feet wide

Showing Sizes of Material Used

THE frame, accurately reproduced above, embodies the best thought and practice of modern barn architecture. All principal timbers are bolted at points of intersection. The diagonal or wind bracing is thoroughly done and the structure is one of superior rigidity regardless of direction from which the stress is applied. It has the strength of the old timber frame, but requires less than one-half as much lumber and one-quarter of the labor to build.

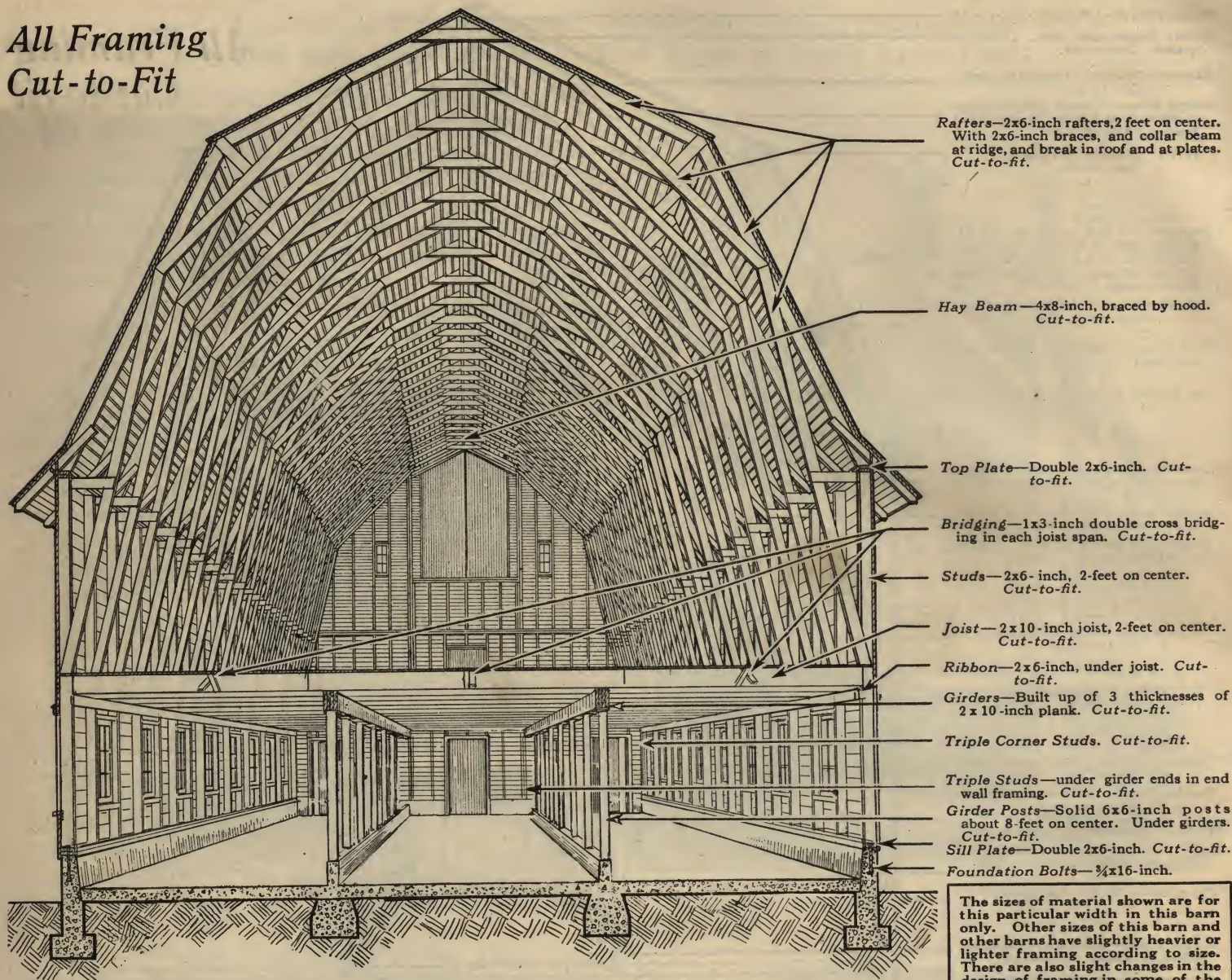
The truss seen in drawing and known as the Shawver Truss was originally planned by a gentleman of that name—a practical builder who specialized on barn framing and from whom this truss has taken its name. After twenty-five years of the severest tests this frame is in prime favor with our most expert barn designers and it is safe to say that one-half of the better class of barns built in the North Central States in the last twenty years have employed this method of framing. The truss occurs at intervals of ten or twelve feet and is bolted to the joists and anchored at their foot. The purlin support is

two pieces 2 x 10, between which the side wall braces are bolted. The peak or principal braced timber is 2 x 12, bolted to side frame and at peak. Purlin sway braces occur at each truss. Such construction is enormously strong and at the same time very easy to erect. We use such construction only when the barn is to be sided vertically. The drawing shows this frame on a four-foot concrete wall, but it is used in barns in this book having a two-foot concrete wall and is practically the same in each instance. You will note the joists lap over the girders at trusses and are bolted together and to the side wall frame. The girders are continuous, being built of two-inch plank breaking joints. This results in a strong continuous one-piece girder under which the posts may be placed anywhere most convenient to the builder. A number of barns embodying this frame have been purchased ready-framed and built without employing a carpenter, although we recommend that, if possible, an experienced builder supervise the construction.



Self-Supporting or Braced Rafter Roof

All Framing
Cut-to-Fit



Cross Section of Braced Rafter Roof Barn No. 427—32 feet wide Showing Sizes of Material Used

Note that in our frame the roof-braces are footed on the FLOOR JOISTS and MEET at the center of the first run of rafters and reach to the center of the upper run. This is a PERMANENT, SOLID construction, and is absolutely rigid. As commonly framed, this type of roof is apt to bulge. This disadvantage, our construction, as you can see, absolutely overcomes.

THE above illustration makes plain the construction of our braced-rafter barns of the larger sizes. The illustration is of a barn used for dairy purposes, but the framing applies equally to our general purpose barns. Note the very thorough manner in which this barn is braced and the roof supported. All joists lap on the girders and are spiked there and to the studs in the side wall, thus tying the barn firmly through the middle. Note also that rafter braces foot on joists where they are spiked to studs; that they brace the first run of rafters at about the center and that the upper brace foots on the lower and reaches to the center of the upper rafter. These braces are tied in at both plate and gambrel by short struts and take the strain in both directions. These braces occur at each and every set of rafters—in other words, they are two feet on center, the same as rafters. This is better

construction than commonly found in so-called braced-rafter barns or barns having self-supporting roofs. There is a tendency at this time to go to unprofitable lengths in economy of materials in framing of such barns. GORDON-VAN TINE braced-rafter frames are stronger than the majority of such frames and will keep their shape and stand true and plumb a great many years. They support the weight of the largest hay carrier loads without strain. The cross section illustration gives the size of some of the principal timbers in this frame. Smaller barns have slightly smaller timbers, such as 2 x 8 joists, in barns 24 feet wide. Note particularly the laminated or built-up girders. These girders are continuous and are produced by spiking together two-inch plank breaking joints, in that way making a one-piece timber under which the posts may be shifted and placed at convenient points.

Guaranteed Prices—No Extras

Gothic Roof Style Construction

**All Framing
Cut-to-Fit**

(Note the
Big Clear
Loft)

Collar Beam—2x6-inch, at every rafter.
Cut-to-fit.

Rafters—5 thicknesses of 1x4-inch bolted
together. Rafters, 3-feet on center.

Hay Beam—4x8-inch, braced by hood.
Cut-to-fit.

Bridging—1x3-inch, double bridging
in each span of joints. Cut-to-fit.

Rafter Brace—2 x 8-inch, brace from raf-
ter to joist, 6-feet on center. Cut-to-fit.

Top Plate—Double 2x6-inch. Cut-to-
fit.

Studs—2 x 6-inch, 3-feet on center.
Cut-to-fit.

Joists—2x8-inch, joists, 18-inches on cen-
ter. Cut-to-fit.

Ribbon—2x6-inch, under joist. Cut-to-
fit.

Girders—Built up of 3 pieces 2x10-inch.
Cut-to-fit.

Triple Studs—Under girder ends in end
wall framing. Cut-to-fit.

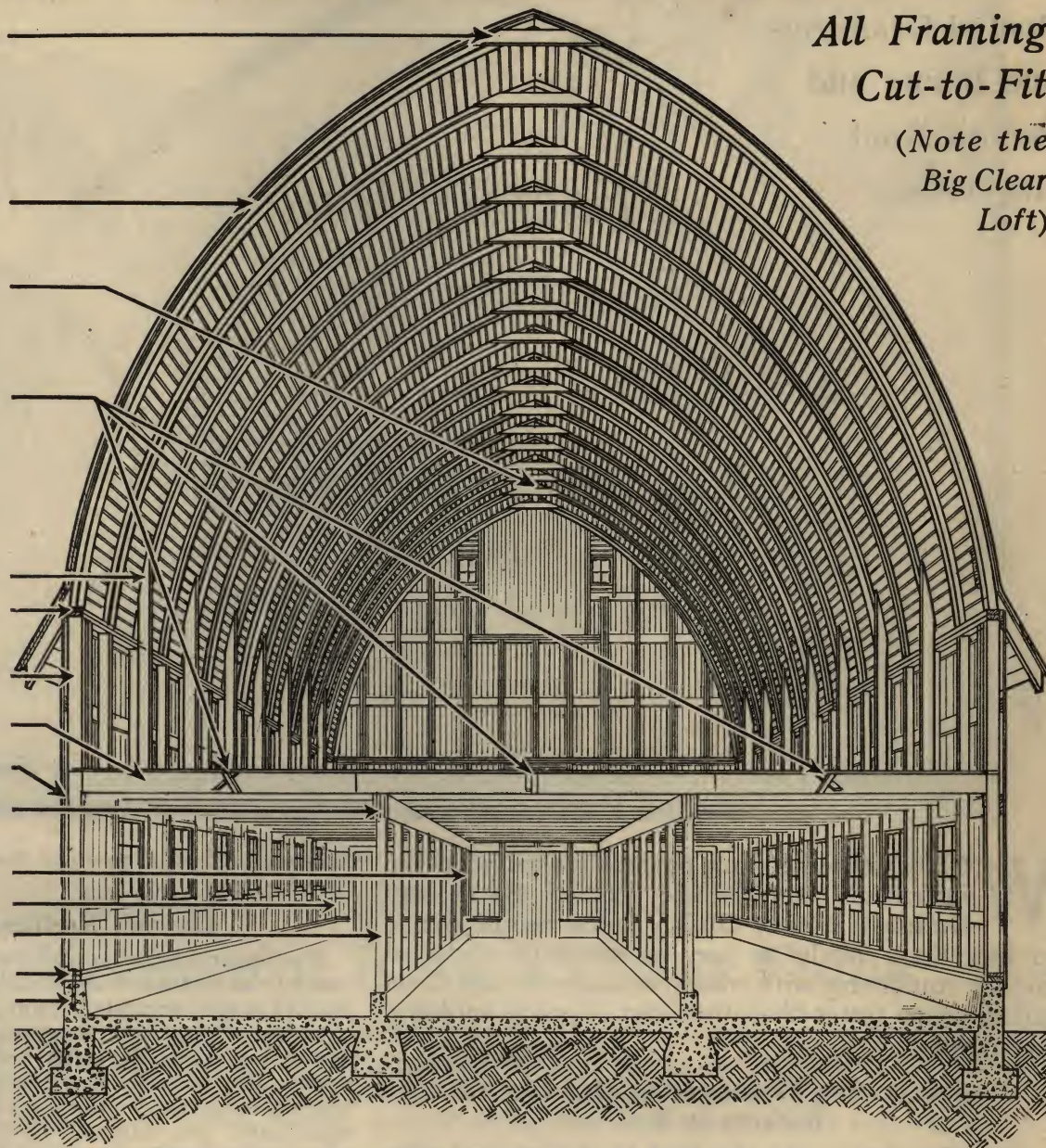
Triple Corner Studs. Cut-to-fit.

Girder Posts—Solid 6x6-inch posts about
8-feet on center. Cut-to-fit.

Sill Plate—Double 2x8-inch. Cut-to-
fit.

Foundation Bolts— $\frac{3}{4}$ x16-inch.

The sizes of material shown are for this particular barn in this width only, but are typical of the ample size and strength of material used in all our barns having Gothic-Roof construction.



Note the Clear Loft Which This Roof Gives

Cross Section of Gothic-Roofed Barn No. 421—32 feet wide Showing Sizes of Material Used

Gives a Large Free Loft—Easy to Erect—We Furnish Correct Rafter Radius

THIS sectional drawing illustrates the latest and greatest triumph of modern barn designing. Ever since the old timber frame barn, with its loft full of obstructing bents and posts, barn architects have endeavored to design a barn loft that would be free from obstructing timbers. The shawver-trussed roof and the braced-rafter types previously illustrated were but steps in the evolution toward the perfect barn loft. It was the privilege of Gordon-Van Tine barn men to contribute this *capsheaf* in barn designs—the bent-rafter, Gothic-roofed barn. It is really admitted to be the strongest, handsomest, and by long odds to furnish the most perfect barn loft. There is not an obstruction of any kind, and this type requires much less material and labor to construct than heretofore necessary in producing the round-roofed barn, the rafters of which were sawed by hand from one-inch material and then nailed together to get the curve. This method of building a Gothic or round-roofed barn was expensive, wasteful of material, and required great labor to construct.

Rafter Radius Scientifically Figured

While the Gothic-Roofed Barn is the easiest barn to put up, most economical of material and labor, it is by far the most difficult barn to plan. The rafter radius must be very carefully figured. If it is too flat the arch will not be strong and the roof will sag and be unsafe; if too high and narrow it loses the arch effect and will require additional bracing to withstand high wind pressure. Furthermore, the curve must be just right

so that the shingles will lie perfectly flat. The one right rafter radius can be calculated only by a trained engineer and that correct radius is in every case used on Gordon-Van Tine barns. Once this is determined, the actual building of the rafters and raising the barn is simple.

The Gothic construction may look easy to carpenters inexperienced in this particular type of barn, but unless you care to risk the chance of structural weakness, order this barn from us and let us assume the responsibility.

A Proved Success

Gordon-Van Tine Gothic-Roofed Barns are not an experiment but a proved success, of which their owners are enthusiastic in their praise. This barn has attracted nation-wide attention. Many of the largest and most completely equipped barns now being built in several states are our Gothic-roof designs. Some details, such as diagonal or wind braces, small loft door and other minor points of construction, are omitted in this illustration, but our free blue print plans furnish such details and make plain and easy the erection of this barn.

All of our Gothic-roofed barns are constructed practically the same as this cut, but differ slightly in a few minor details. The construction of a Gothic-roofed barn should not be undertaken without Gordon-Van Tine plans.

Gordon-Van Tine Farm Buildings

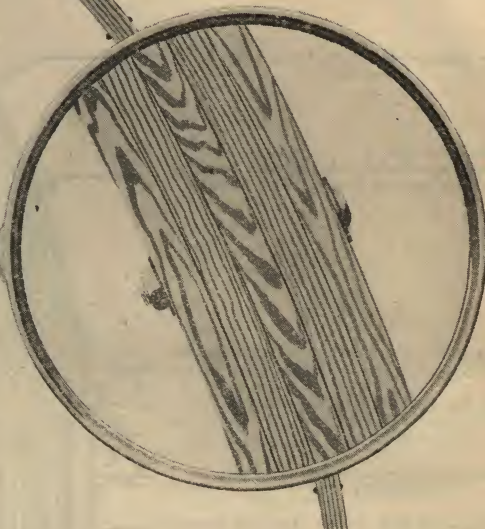


For use with our Gothic
Roofed Granaries
and Barns and
Round Roof
Hog Houses

Shipped Right in Car
with Barn Lumber
Bolted and Nailed
Ready to Use

Factory-Built Rainbow Rafters Ready to Raise

Originated by
Gordon-Van Tine Co.



**Gordon-Van Tine Ready Made Rainbow Rafters are a Special Service
Offered Purchasers of our Gothic Roofed Barns**

WHEN desired by our patrons we will ship the rafters for our Gothic Roofed Barns and Granaries Ready Built. Some people prefer to buy them ready to use, so we have installed factory equipment with which we manufacture these rafters much faster than they can be made by hand on the job.

Twenty-five Thousand of Our Gothic Rafters in Use

This Company was the first to design and ship barns using Bent Rafters. More than 25,000 such rafters are in use today. They are growing fast in popular esteem and the demand for them has become so large and insistent that we have made preparation to supply our trade with a factory-made rafter at a price that means a saving for the purchaser.

Machine Manufacture Lowers Cost

Ready Made rafters are quoted at extra prices on the price list. When the purchaser prefers he can build the rafters himself on the barn floor, using the material we ship for that purpose and following our complete instructions and Blue Print Rafter Plans.

Factory-Built Rainbow Rafters Save Time and Money

The reason that we furnish ready built rafters is not that they are difficult to build on the job, for they are not, but for the reason that we can make them so much faster and better at the factory than can be done on the job, and because many customers prefer to pay our small charge for this service, have

that much less work to do on the job, and get their barn completed sooner.

Correct Radius Guaranteed

The importance of correct rafter radius is so great no one ought to undertake to use this form of construction unless this radius has been accurately figured by experts. When the radius is properly determined there is practically no outward thrust on the base where the rafters rest. The thrust is all straight down. But because all the weight is focused at this point, bracing is necessary—not a great deal of it, but just at the right place. Any attempt to put a Gothic roof on an ordinary barn nearly always results in failure because of the bracing necessary to hold this type of roof. When you buy these rafters for Gordon-Van Tine barns you have a roof in which weight and wind thrusts have been scientifically determined and provided for in the wall bracing. Attempting to make them yourself without Gordon-Van Tine plans is very likely to give you a building that is structurally weak or unduly expensive. Building with Gordon-Van Tine Plans and materials protects you against both, whether you build the rafters on the job or buy them Factory Built.

Quick Built Gothic Barns

With our ready cut barn framing and Rainbow Rafters a Gothic Barn is the easiest of all barns to build. Such barns go up and are finished in a surprisingly short time, which means a considerable saving in building cost.

Prices on Factory-Built Rainbow Rafters

Factory-Built Rainbow Rafters are furnished when desired for any Gothic Roofed Barn in this book for the additional amount shown on price pages. Our Barn prices include rafter material, so the additional amount for Factory-Built Rainbow Rafters is really the manufacturing charge. Rainbow Rafters are not sold separately but are only furnished with complete barns.



Barn No. 403

"Standard" Specifications (see page 16). Sizes of Timbers indicated on page 21
Sided with horizontal 1x6 Drop Siding. 21 sizes priced on page 1

This Gothic-Roofed Barn a Great Value

WE SHOW this handsome barn first in this book of "Gordon-Van Tine Farm Buildings" because it is unquestionably one of the greatest barns ever designed and sold at such a remarkably low price. Large manufacturing facilities and big sales volume combined with the skill and science of expert architects and engineers make it possible to design and market this barn at prices very much less than others must ask.

Of course, it is not as fine a barn as those with "Gold Medal" specifications shown on the following pages but you will find it compares favorably with the best barns in your community no matter what they cost. For combined quality, appearance and durability it surpasses any barn you can buy for the prices quoted on page 1.

The Gothic Roof is staunchly built by the use of built-up rafters bent to exactly the correct radius determined by our architects (see page 22). This roof is proof against the heaviest winds and provides an unusually spacious mow. Its pleasing proportions give the building a dignity and stateliness that make it stand out for miles around.

A General Purpose Barn

This is a general purpose barn equally suitable for mixed stock or dairying. Remember that you can have the floor plan

arranged to suit your own particular needs. Simply indicate the arrangement you desire on the "Information Blank" which came with this book and we will send you promptly, a complete price on all the material delivered right to your station.

An Easily Built Barn

This barn is really easy and economical to erect. All the framing lumber is cut by machinery at our factories, the doors come built up ready to hang, the window frames cut and bundled ready to set up. We furnish much more complete than usual blue prints and a book of instructions so there is no possibility of delay or error. With these aids building the rafters is a simple job, but for the benefit of those who prefer to buy them ready-built we make these up in our factory and will ship them with the lumber at the slight additional charges shown in the price columns (see page 22).

This is a barn we are proud to sell and one you will be proud to own. And especially will you appreciate it when you look at it after it is completed and realize that you actually saved money over what you would pay locally for a building that might not be as good. You will then understand why our customers are our friends.

We furnish strong manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing in all "Standard" Barns



Barn No. 443

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 21
Sided with vertical 1 x 12 White Pine Boards. 36 sizes priced on page 3

A Gothic-Roofed, Bank-Driveway Barn

THE quick rise in popular favor of our Gothic-roof barns is due entirely to the general excellence of the design which is today in highest favor with discriminating builders from coast to coast. We began by putting one such barn in this catalog, but our patrons have insisted we add others, which we have done from time to time, and as rapidly as good work will permit. The barn pictured above is the result of much study on the part of our experts to produce a barn that will exactly meet the requirements of farmers whose location and farm practice make necessary a barn of this type.

What Changes Are Permitted

The barn we ship is exactly like the illustration unless some changes are ordered in the arrangement of doors and windows. We will change the doors and windows in the basement to conform with the building site and with the floor plan that is best for the purchaser's individual requirements. The driveway doors also may be placed where desired along the side, and wide doors will be furnished for the basement when it is desired by the purchaser to drive into the basement.

Description of Barn

Barn No. 443 is a "Gold Medal" building, thoroughly well built and wind-braced, and secured to an 8-foot wall of concrete, tile, or masonry, by heavy anchor bolts. The head room in the basement is 8 feet, 6 inches, and the floor space will be arranged with stalls, pens, alleyways, etc., to suit the purchaser. The stock may be arranged in rows crosswise or lengthwise of the barn. The height of the barn from basement wall to the plate at eaves is 8 feet; the total height of the building is about 4 feet more than the width of the barn. (See price columns for sizes and mow capacity.) The splendid hay mow

afforded by the Gothic roof is illustrated on page 21. Our complete architects' working blue print plans, furnished purchasers without extra charge, make plain all details of construction. Our ready-cut lumber is plainly marked and easily set in place. Grain bins will be furnished to be placed along the driveway on the barn floor if desired by the purchaser. The grain can be spouted to the floor below. The driveway floor is 14 feet wide and 2 inches thick, of tight-fitting, tongued and grooved plank.

Further details concerning Gothic roof construction and other general information will be found in the descriptions of Gothic roof barns on the following pages.

Doors

Either our Dutch or larger sliding doors are furnished for the basement. The driveway doors are for an opening approximately 14 feet high and wide. This opening is fitted with a door in two parts that is hung on special roller-bearing hangers. The door is opened by sliding back either half-door. The doors roll in from the back corner as in a garage. In this manner these large doors are protected from damage, and remain in perfect working order, and the barn frame is not weakened as in operating such doors by the older method. The small loft door shown in the illustration is furnished for each end of the barn. The hay and grain is unloaded from the driveway floor, therefore no gable hay door is required.

First-Quality Material Furnished

This is one of our finest "Gold Medal" barns. All material is carefully selected from the best obtainable stock.

Write us for freight-paid prices on this barn equipped as you want it. Our barn experts will help you plan the interior. Use the information blank when writing for prices.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 421

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 21
Sided with 1 x 6 vertical beaded Siding. 36 sizes priced on page 1

The Gothic-Roofed, Bent-Rafter Barn— As Strong As It Is Handsome

FROM the day we first published plans of this design, it has attracted nation-wide attention. It has the perfect roof and hay mow so long sought by barn builders. The shingles have perfect drainage and about double the life of those on a third or quarter pitch roof. This design requires less material and labor to build the roof than to build a like area of roof of any other type. Moreover, it is a very easy building to erect, the plans we furnish purchasers of each Gothic-Roofed Barn enabling anyone of very ordinary constructive ability to build it easily and right. This design has been built by purchasers, with our ready-framed lumber, without any skilled assistance whatever, and the barns so built are the pride of their owners and the boast of the neighborhood.

This barn, because of its unusual and handsome appearance, attracts much favorable attention wherever built. It is a barn for the man who believes in progress and better buildings as well as stock and crops. Turn to page 21 and study the sectional drawing of this barn. It shows the splendid hayloft, large and deep and entirely free of any obstructing posts or braces. The entire space can be utilized and the hay will settle evenly, and you can blow straw from one end of it to the other. No dust or hay seed can get through the loft floor into the stable and the

heavy joists and girders will carry the big load without strain.

Original Design

It was the good fortune of Gordon-Van Tine Barn Architects to be the first to succeed in planning a practical Gothic Roof, or Bent-Rafter Barn. For several years we have been shipping them into all parts of the country, where their excellence has been thoroughly tested and proved good. We ship a very fine quality of material for this barn as you will note by reading the specifications on page 17. This good lumber, carefully cut and fitted, and the handsome design, produce a barn that will add tone to any group of farm buildings, and of which the owner can be justly proud.

General Usefulness

It is a barn of general usefulness, because it is well-lighted, easy to ventilate and the floor space can be arranged in a number of convenient ways for caring for cattle, horses or other stock. The head room in the stable is 8 feet, 6 inches from stable floor to underside of joist. This gives sufficient elevation to overhead carrier tracks and abundant air space. Our barn men stand ready at all times to assist in arranging the floor space in a handy way. Please use the information blank when writing.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 437

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 21
Sided with horizontal 1 x 6 drop siding. 36 sizes priced on page 2

Handsomest, Best-Roofed Barn Ever Designed

THIS Gothic-Roofed Barn, easy to erect, strong and handsome, is an expression of the best thought and skill of America's foremost barn architects.

It is a barn that will attract favorable attention in any neighborhood and prove as practical and permanent as it is handsome. The very large demand we are experiencing from places where a barn of this design has been built convinces us that we are not alone in our enthusiasm about its merits.

A 100% Right Barn

You will not make a mistake in building this one. It satisfies all modern requirements of light and sanitation. The floor space can be arranged conveniently for dairying or to accommodate mixed stock. Cattle or horses can be arranged in rows with the length or across the barn and provision made for loose stock, bins and passageways. We will help you arrange the interior and promise you a barn which is the most efficient for your particular requirements.

The Gordon-Van Tine Gothic-Roofed Bent-Rafter Barn can fairly be said to have introduced a new era in barn construction. The bent and built-up rafter

that makes practical the application of this roof to barn building has so simplified the construction and lowered the cost of the Gothic roof that it has become, in a relatively short time, our best seller.

Not Difficult to Build

Most of the skilled labor necessary to construct this barn is done before we ship the material. With the help of our ready-framed lumber and accurate blue prints the barn is easily built. If desired, we will ship the Gothic rafters ready-made. All difficult calculations necessary to construct the barn are performed by our architects. To erect the building, it is only necessary to follow the plans.

Best Material and Plenty of It

Timbers of ample size are used in all parts of the barn frame. It is thoroughly wind braced. The lumber is all the best of its kind and grade. It is the kind of lumber you will enjoy handling and the kind you will want your neighbors to inspect.

The size of barn timbers is given on page 21. Ready-built Gothic rafters are illustrated on page 22.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 401

"Standard" Specifications (see page 16). Sizes of Timbers indicated on page 21. Sided with dressed and matched vertical Siding. 27 sizes priced on page 1

This Fine Gothic Roofed Barn is a Wonderful Value

HERE is a vertical sided barn of "Standard" specifications with a handsome Gothic roof and a big roomy mow at a price that makes it, without doubt, the greatest barn value money can buy. This especially low price has been put on this barn without the slightest sacrifice of beauty, strength or capacity.

A Strong, Windproof, Waterproof Roof

Remember that you get the same staunchly designed barn as the purchaser of our "Gold Medal" barns. The framing material is just as heavy—the same wide margins of strength and wind resistance are given it, the same care to insure accuracy and correctness of design is taken. You are absolutely assured of a windproof, waterproof roof that will not sag in the ridge, nor bulge your sidewalls.

Our blueprints and instructions which are sent with every barn give the correct rafter radius and show you just how to bend, build and raise the rafters.

Well-Lighted and Well-Ventilated

This barn was designed for general purposes with particular attention to lighting and ventilation. Big nine light windows on sides and ends give plenty of

light and air. The floor space is arranged so that it can be divided up in a number of convenient ways for cattle, horses and other stock. Fill in the blanks and draw a rough sketch of the floor plan you want on the information sheet you got with this book and we will then know exactly what you want and can give you a complete price on the barn and equipment delivered right to your station.

Ample room for overhead carrier tracks and abundant air space is obtained in the 8 ft. 6 inches of headroom from stable floor to under side of joist.

Don't compare even this low priced barn with the average retailer's bill of material without considering that we furnish fine factory-built doors with hardware (see page 12), window frames cut and bundled ready to set up, anchor bolts, dowel pins, plenty of nails and bolts of various sizes, excellent ready mixed barn paint for two coats, tin for flashing, slate-surfaced, fire-resistant roll roofing and *all lumber ready cut*. Keep this in mind as you think of the price quoted for the size you want.

We earnestly recommend this barn to the man who appreciates the beauty and staunchness of the Gothic roof and must make a lasting satisfactory investment when he buys a barn.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced roofing for all "Standard" buildings



Barn No. 442

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 21
Sided with vertical 1x6 beaded siding. 32 sizes on pages 2 and 3

A Tile-Base Gothic-Roofed Barn

OUR patrons who live near tile factories or banks of gravel, and desire to use such material in the first eight feet of barn wall, but who will have nothing less satisfactory than our Gothic Roof, have insisted that we prepare to furnish *ready framed* the barn pictured above.

We are shipping many barns of this plan, and we sometimes wonder how many more would be built if everyone fully understood the convenience and economy of purchasing *ready framed* a building of Gordon-Van Tine Company. Have you thought of the expensive hand labor and the risk you avoid by purchasing of this company? In the few minutes required to order a barn of us you save the days you would spend with a carpenter getting an incomplete plan and list of material, and then shopping around getting prices from a half a dozen or more dealers on different parts of the building, and when you have finally got around, you never know how many extras are yet to be bought and paid for. When you purchase a building of this company, you eliminate all guess work and escape all errors in building. In fact, you make this company—the largest and most favorably known concern of its kind in America—responsible for the success of your building.

Description of Plan No. 442

This barn is designed in the substantial, well-finished way that has given our Gothic-Roofed Buildings a country-wide reputation for excellence. We furnish ample material and

permit only the best grades of lumber to be specified in our plans. A general idea of the framing design may be had by reference to page 21, where a Gothic Roof cross section is illustrated. The barn is most substantially framed, bolted, and wind braced with No. 1 *ready-cut* lumber. A beautiful quality of Douglas Fir tongued and grooved drop siding, put on vertically, encloses the building. The loft floor is No. 1 6-inch tongue and grooved boards. The steep, sloping roof of Extra Clear 5-2 Western Red Cedar Shingles, laid 4½ inches to the weather and nailed with hot-dipped galvanized shingle nails, is good for 15 to 20 years or more. The stable height from floor to loft joist is 8 feet, 6 inches. The height above tile or masonry wall to the square is 6 or 8 feet, depending upon the width of the barn. The doors and windows are as illustrated, but will be changed below the loft to suit the purchaser. The gable hay door opening will admit the largest sling hay load. The loft capacities are given in the price column.

When requested, our barn experts will draw up preliminary floor plans, which are sent you with our guaranteed freight-paid estimates. These will include such additional equipment as is necessary, but can be drawn only after we are advised of the number and kind of stock, bins, etc., that the barn will be required to contain. Please fill out the Information Blank when writing for our freight-paid prices, including such items as Stalls, Pens, Litter-Carriers, Cupolas, and Ventilation Systems so that we can draw up the plans and submit you a complete price at one time.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 446—This Barn on a Two-Foot Foundation Is No. 447

Both Barns come in either 32 ft. or 40 ft. width

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 21

Sided with vertical 1 x 12 No. 1 Boards. 10 sizes each, priced on page 3

A Practical Cattle Barn for Feeders

THE barn pictured above is designed especially for use by the beef cattle man. The racks and feed troughs are so arranged that very little labor is required to do the feeding and cleaning.

The illustration shows a barn 40 feet in width. This width has been found best where full-grown and full-fed cattle are handled. The center feeding passage and troughs occupy six feet of the barn width, leaving a floor space on either side of the troughs 17 feet wide. The hay rack and barn wall take up about three feet of the width, leaving 14 feet in the clear, which is ample for large cattle. The center feeding passage and troughs are raised above floor level to provide a floor space six feet wide and the length of the barn, in which the cattle can rest undisturbed by the cattle.

The silo is at the end of the feeding passage and is connected to the barn by a feed house of frame on a two-foot wall. This building is ten feet square and ten feet high. The silo chute enters this room and silage is conveyed to the cattle by an overhead side delivery feed carrier. The hay racks are along

make it easy to put hay in the side racks, we omit the floor and joints over the racks for a width of three feet. Two rows of girder posts spaced 9 feet in the row on either side of the feed manger support the mow floor through the center of the barn. The girders over these posts are built up of five pieces of 2 x 10 plank breaking joints so they are in effect a one-piece timber under which the girder posts can be placed at any desired point to conform to the width of the feeding passage and troughs.

Doors and Windows

Ready-built doors and windows are furnished as shown in the illustration. Four pairs of rolling doors for a 9-foot opening and two Dutch doors are furnished below the loft. One gable hay door and two small doors are above the loft. The stable windows are six light, two lights high and placed high in the wall out of the reach of the cattle. There are three windows in one end and two louvers and two windows in the other end.

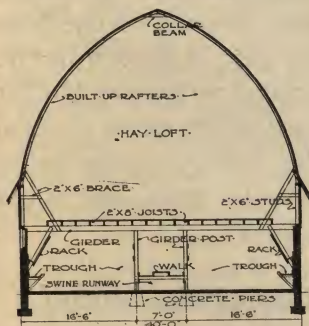
The 32-Foot Width Has a Different Interior

The 32-foot barn is the same in all respects as the one illustrated except that the hay racks are placed above the feed troughs along the center feeding passage. This is necessary in a barn of that width to give the required floor space between feed mangers and outside walls. The cross-section shows this pleasing combination of raised passageway, mangers and racks. To fill the racks the hay is first dropped through the hay chute to the floor of passageway. The feed troughs are under the hay racks and catch the leaves and hay pulled out by cattle and so prevent waste. The arrangement for feeding from the silo is the same in both 32 and 40-foot wide barns. With the material we furnish for raised center walk, we include material for gates and steps at both ends of the center passage.

Barn No. 447 Has a Frame Wall

In many localities concrete or tile are hard to obtain and costly, so we have arranged to ship either a 32 or 40-foot wide barn with frame wall on two-foot foundation, exactly like plan No. 446, except the lower windows are 4-light barn sash. This barn with frame walls is shown as No. 447.

This barn is sided with 1 x 12 selected White Pine boards and metal battens. Ten sizes are priced, on page 3.



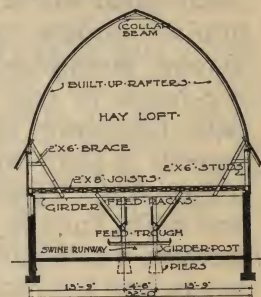
This is a cross section of Barn 446—40 feet wide. This barn is 16 feet high at the plate and 41 feet at the ridge

the two sides of the barn and are filled directly from the loft.

Construction Explained

Barn 446 is placed on a 9-foot concrete or tile wall to which it is securely bolted. A well-braced plank frame of unusual rigidity is provided.

The lower edge of the mow joists are 9 feet, 3 inches above finished floor level. The joists run with the length of the 40-foot wide barn over which a good tight floor of dressed and matched lumber is placed. To



This is a cross section of Barn 446—32 feet wide. This barn is 16 feet high at the plate and 36 feet at the ridge

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" buildings



A Better Than Usual Barn At A Bargain Price

Excellent appearing and substantially built. Actually a far better barn than average throughout the country. All framing Cut-to-Fit. Complete specifications on page 16. Prices on page 1.

Barn No. 402

"Standard" Specifications (see page 16). Size of Timbers indicated on page 20.
Sided with 1 x 6 drop siding. 21 sizes priced on page 1.

Furnished also for building on a 4-foot foundation. See page 1 for prices.

A Real Bargain in a Gambrel-Roofed Barn

A GORDON-VAN TINE "Bargain Barn" means an extremely attractive price on a building that is just as well designed and just as strong as our experts can make it. If you prefer the old favorite Gambrel-roofed barn and are looking for the greatest value your money can buy you will find exactly what you want in this barn.

Many Extras Included in Our Price

Read the specifications on page 16 and see what really good material goes into this barn—dimension lumber, girders, siding and trim all No. 1 material. Strong, good-looking doors, as shown in illustration, are made in our factory and come to you complete with hardware, ready to hang (see page 12). We furnish a slate-surfaced and fire-resistant dark red roll roofing. Hardware for doors and windows, bolts and nails, enough good barn paint for two coats and tinwork are included. And in addition all the framing is cut by machinery at our factory at a great saving of material and labor.

Strong Frame—Large Free Loft

Most of the features so desirable in good barn construction are to be found in this barn. It is a strong,

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing for all "Standard" Barns

handsome, permanent structure. The popular plank frame construction and braced-rafter roof give it rigidity and a loft free from obstructions in which modern hay unloading tools may be used to the best advantage. The size of timbers used is shown in the illustration of the Self-Supporting or braced Rafter Roof Barn on page 20. The roof is the same general type as shown on this page, the rafter braces being somewhat shorter or as commonly used on barns of this type.

This Barn Offers Big Value for the Money

Including, as it does, many of the extras found in our high-grade "Gold Medal" barns, the entire frame cut to fit and ready to nail up, this barn is decidedly a wonderful bargain for the man who must have fullest value for his money. Compare the specifications of material on page 16, at the prices shown on page 1, with the price you would have to pay locally for the same material, and you will be convinced that you will save money buying from us. Remember too, that factory cutting and factory-built doors and windows mean a big saving in erection costs.



Barn No. 429

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 19
Sided with 1 x 6 vertical beaded Siding. 25 sizes priced on page 2

The Finest of Gambrel-Roof Bank Barns

IF your location is favorable for a bank barn and your farming requires a large barn with big, roomy loft, this is the barn to build.

The Design

We furnish this design in many sizes much smaller than the one pictured. We change the position of driveway doors and doors and windows in the basement to suit the purchaser. Doors and windows in the side and end not in view are as those seen in the picture. Many practical and convenient floor plans can be shown by our Architectural Department for this barn.

General Description

This barn has a very strong bolted frame and the famous-for-strength Shawver-trussed roof. No stronger or more permanent barn construction is known than is used in this design. Turn to page 20 and study the framing details of this heavy construction. Notice the heavy interlocking bolted timbers that have made this frame famous for its rigidity and permanency.

The basement ceiling height is 8 feet, 6 inches. From top of basement wall to the plate or square is 16 feet in barns 34 to 40 feet wide. The driveway door opening will clear a large load of hay or sheave grain. These doors may be placed at any regular

framing interval along the side walls. The driveway floor is of two-inch tongued and grooved plank. The roof trusses are spaced 12 or 14 feet apart.

High Quality Material

The lumber we ship for this barn is such as you will enjoy building with and having your neighbors inspect. Only the very best lumber of its kind and grade is specified for this design. The frame is of No. 1 Southern Pine covered with 1 x 6 in. No. 116 vertical Fir siding. Sills and posts are Cypress or Fir. The roof is covered with Extra Clear 5-2 Western Red Cedar shingles. The paint is Quality Brand house paint.

Construction

Our ready-cut lumber and easily read blue prints render the construction of this barn a rather simple matter. All the difficult work is done by our architects and carpenters before the barn is shipped. The truss timbers are cut to fit; all that remains to do is bolt them together on the barn floor and raise to position in pairs with block and tackle.

Ventilation

Ventilation systems are especially necessary in bank barns. Our engineers will plan a ventilation system for this barn when requested. Our ventilation systems are explained on page 18.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 438

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 19
Sided with vertical 1 x 12 White Pine Boards. 37 sizes priced on page 2

A Permanent Shawver-Truss Barn On a Four-Foot Wall

THIS sturdy structure is sure to meet the approval of those who build well. The strong, well-bolted frame of Long-Leaf Pine, the excellent White Pine barn boards, and expanding metal battens—the extra thick Red Cedar shingle, ventilating windows, and handsome doors, give this barn strength, good appearance, and permanency well above the average. The White Pine barn boards shipped for this barn are a revelation to the man who thinks the good barn board is extinct.

A Good All-Purpose Barn

The ground floor area of this barn can be arranged conveniently for stabling horses, cattle and sheep. The stock may be placed in rows, facing either in or out, the rows running lengthwise or across the barn. As each farmer's requirement for stabling differs from another, we do not present many floor plans in our catalog, preferring to plan the interior to suit each individual's requirements. The information blank sent with this catalog is for use when need of our assistance to plan the interior is felt.

Construction Explained

The quickest way to understand the sturdy manner in which this barn is built is to glance at the drawing on page 19. Notice the thorough manner in which the framing timbers interlock and are bolted. This is the strongest kind of framing, but one easily and quickly done with our Ready-Cut lumber. There are diagonal wind braces in the side walls and end gable sway braces used for this frame that are not shown in the cross-

section drawing. The barn is bolted to a four-foot concrete wall. The stable height from floor to under side of joist is eight feet six inches. The popular plank frame is used; the timbers, such as girders and wall posts, are built up by doubling two-inch lumber. Refer to page 19 for information as to size of timbers in this barn.

Ready-Made Doors and Windows

The doors and windows used on this barn are described on pages 12 and 13. The gable hay door is our counter-weighted, two-piece door. The smaller loft door is furnished for both ends of the barn. The doors below loft floor will be arranged to suit purchaser. The windows in the lower walls are furnished with ventilation shields, as shown on page 13. There are five windows in the two gables.

First-Class Lumber

The high-class lumber shipped for this barn will prove a pleasant surprise to those who are familiar only with average retail lumber stocks. In nine cases out of ten, those who purchase our "Gold Medal" buildings report the material the best they ever saw put in a barn.

Complete specifications for this "Gold Medal" barn are given on page 17, but for those who are not familiar with lumber grading, we make this explanation: No. 1 Yellow Pine dimension lumber is the best grade of framing lumber manufactured. The splendid White Pine barn boards shipped are the result of a special effort to provide a board that will delight the most exacting builder. The White Pine doors and Cypress trim are other good features, and the shingles are superior. When this material is combined as shown on our skillfully drawn plans, the result is a structure of unusual rigidity, pleasing proportions and permanency.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 427

"Gold Medal" Specifications (see page 17). Sizes of Timbers given on page 20
Sided with 1 x 6 horizontal Drop Siding. 39 sizes priced on page 1

Self-Supporting or Balloon-Type Roof

HERE is a thoroughly good "Gold Medal" barn for the man who favors the braced rafter or balloon type of roof, and the siding put on horizontally. This is one of our staunchest buildings and a barn that is a credit to any farm. Our braced rafter barns are stronger than this type of barn is commonly built. The roof bracing is more extensive and thoroughly done. Turn to page 20 and study this roof bracing as pictured in this barn when built 40 feet wide. Notice that the lower rafter braces foot on the joists and that the upper brace rests on the lower, and the way these braces are tied to the roof and side walls. This is good, strong construction and will stand wind loads and retain its original shape. Many so-called braced rafter barns are too lightly built.

A General Purpose Barn

This barn is adapted for dairying or for housing mixed stock. Many convenient floor plans have been worked out for this barn, which will be arranged to suit the purchaser. Doors and windows below the loft will be changed when necessary to meet individual requirements. This is one of our older designs and we have shipped more than one hundred of them which are considered the best barns in the neighborhoods where built.

Construction Explained

The pleasing proportions of this design are the result of the skillful handling of the roof pitches and their relation to side wall height. The barn is bolted to a two-foot high wall of concrete and has a ceiling height of 8 feet, 6 inches. The timbers in the barn frame are of ample size to resist all working loads. (For size of timbers see page 20.) The popular plank frame construction is used in assembling the timbers.

Ready-Cut Lumber

The frame of this barn is cut and fitted before it is shipped. This lowers the cost and lessens the labor of building the barn. A complete set of architect's easily read blue prints makes plain all details and enables any one of ordinary skill to set in place and nail the ready-cut lumber. We ship a splendid quality of lumber for this "Gold Medal" building—lumber you will enjoy using and be proud to have your neighbor inspect.

Doors and Windows

The doors and windows shown in the illustration are the ones shipped unless the purchaser desires some changes. The counterweighted loft gable door is especially serviceable and convenient. The 9-light windows are fitted with Gordon ventilation shields. Two small loft doors are furnished.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



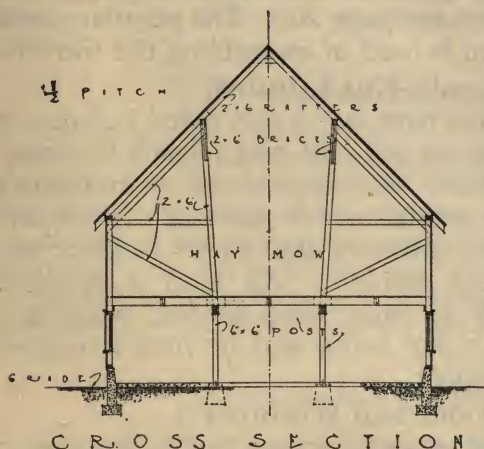
Barn No. 434

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 Drop Siding. 27 sizes of this barn priced on page 2

An Extra Strong Barn for the Conservative Buyer

WE present here a Gable-Roofed Barn with a scientifically designed frame of interlocked and bolted timbers that is a triumph of the barn framers' art. This barn cannot fail to more than satisfy the thorough workman who insists on solidity and strength in the frame of a building. This plan has the strength of the old-style timber frame, but requires less lumber and labor to build. This frame is so thoroughly well bolted and braced that nothing short of a hurricane can move it. The roof has one-

half pitch which gives capacity and depth to the hayloft. The small cross-section drawing shows that there are no timbers in the loft that interfere with the use of modern hay unloading tools.



We Ship What We Show

The illustration is an exact reproduction of the barn we ship. You will recognize the doors and windows as those shown on pages 12 and 13. If necessary, in order to conform to the floor plan you adopt,

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing on all "Standard" Barns

we will change the location of the doors or add rolling doors. Almost any good arrangement of stalls, pens, grain bins, etc., can be had in this barn. If in doubt about the floor plan, just fill out the information blank and mail to us. The gable hay door is shown on page 13. The four light sash, spaced about eight feet on center in side walls, give a well-lighted interior. Other specifications will be found on page 16.

Construction—Size of Timbers

The barn is bolted to a wall 2 feet above grade. Construction is plank frame. Barn 34 feet wide has sills and plates 4 x 6. Posts 6 x 6 in walls under purlin and girder. Purlin 4 x 8, blocked. Girders 8 x 10. Studs and Rafters 2 x 6, 24 inches on center. Joists 2 x 10. Hay Pole 4 x 8, solid timber. This frame is bolted at all important junctions of timbers. No better construction is possible. Some smaller barns have 2 x 8 joists and 6 x 10 girders, but all sizes are very strong. The clear drop siding is put on horizontally, which further stiffens the barn. The eaves are finished with exposed plancier of dressed and matched lumber. This plan, like all Gordon-Van Tine Farm Buildings, has proportions that are pleasing and a look of finish and completeness not commonly found. The man that likes a Gable-Roof Barn, and builds this one, will have a satisfactory building long after the price is forgotten.



Barn No. 428

"Gold Medal" Specifications (see page 17). Sizes of Timbers indicated on page 19
Sided with vertical 1 x 6 beaded Siding. 34 sizes on page 1

Sturdy, Durable, Shawver-Truss Barn

HERE is a barn for the man who likes to build good and strong and needs a big loft for hay and straw storage. No stronger frame was ever designed than the time-tested Shawver frame used in this plan and illustrated on page 19. The framing timbers dove-tail and are bolted and there is plenty of diagonal or wind bracing. Nothing less than a tornado can tear it to pieces. It is stronger than an old-style timber frame, but costs a great deal less to build.

An Extra Strong Barn for General Farming

We will arrange the interior almost any way you want it. You can put in cattle or horses in double rows, facing either in or out, or use part for cattle and part for horses. So many different arrangements of horses, cattle and other stock in stalls or loose, grain bins, passageways, etc., can be made that if you will say what you want to stable we can arrange it to suit you. Please use the information blank when writing us.

Construction Explained

The barns we ship are exactly like the illustrations except that they may be built larger or smaller or changes may be made on doors and windows. This

barn is bolted to a two-foot high wall of concrete. The sills are raised above ground moisture or splash from eaves water. The stable ceiling height is 8 feet, 6 inches. Two heavy girders and girder posts run in parallel rows the length of the barn under the loft floor. The joists run across the barn, tying the side walls and preventing spreading. The roof trusses illustrated on page 19 are spaced 12 or 14 feet apart. The roof pitches are 6-12 reversed. No better framing than that employed in this barn is possible. The ready-cut lumber insures accuracy in construction. The size of timber used is explained on page 19.

The Best Lumber Used

The excellent material furnished for this plan gives *permanency*. The barn will look well and be strong and sound when a half century old.

Doors and Windows Ready Made

See pages 12 and 13 for description of doors and windows. Dutch doors can be used below loft when desired. Windows in stable are spaced about seven feet on center. There are five windows in the two gables.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 441

**"Standard" Specifications (see page 16). Sizes of Timbers indicated on page 19
Sided with vertical 1 x 12 Boards. 25 sizes priced on page 2**

A Good Barn for Small Cost

THIS Gambrel-roofed barn was designed for patrons who wanted a substantial barn of good appearance, sided vertically with 12-inch barn boards and O. G. battens, and one that would not cost much.

It has a strong, well-braced plank frame; the roof is of the self-supporting braced-rafter type, no posts in the hay mow to bother when filling the loft, which can all be used. So many barns of this design have been purchased and built that we feel the efforts of our barn men to design a good barn for a low price are appreciated. This is a barn that will pay anyone good interest on the investment, for it adds more to the value of a farm than it costs. When finished and painted it has the strength, capacity, and good looks that far more expensive barns frequently lack.

The frame for this barn is cut and fitted, ready to nail, before it is shipped. The saving in lumber and labor in a ready-framed building is so great that few who know about this way of building feel that they can afford to build in any other way. Because of the demand for Gordon-Van Tine ready-framed barns, we have lately had to double the capacity of our already large ready-cutting plants in the Central, Southern, and Western States, from which points we can ship promptly and cheaply to our patrons in all territories.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing on all "Standard" Barns

Floor Plans

The floor space of this barn will be arranged to suit the purchaser. If the doors are not in the right place, we will change them. If any patron feels that he needs help in arranging the stalls and other equipment on the ground floor he can use the information blank sent with the catalog and our barn men will help him plan the barn in a handy, time-saving way, and tell him just what the cost of all material, including equipment, freight paid, will be.

Construction Explained

A good roof and foundation are a first essential. This barn is placed on a two-foot concrete wall to which it is bolted. The roof is first sheathed solid with dressed and matched lumber and then covered with our famous guaranteed slate-surfaced roll roofing guaranteed for 15 years. This gives an unusually good-looking roof. This roof, which is fire-resisting, costs much less than shingles to put on, and is one reason this barn can be built at such a small cost.

The size and strength of the timbers in this barn are much the same as shown on page 20. The grade of dimension lumber furnished is the best, the posts under girders are solid 6x6 timbers, the height from floor to loft joist is 8 feet, 6 inches. Selected No. 1 barn boards and fir O. G. battens enclose the barn.



Round Barn No. 414

"Gold Medal" Specifications (see page 16). Sided with 1 x 12 vertical Selected Barn Boards. Price on page 1

A Round Barn Costs Less Than Other Barns as Large

Round Barns Convenient

THE round barn presents an ideal feeding and cleaning arrangement that saves miles of walking in the course of a year. In the round barn all stock are in a continuous row facing the center, where the grain is stored and the hay is put down. The feeder travels the shortest possible distance in both feeding and cleaning. A feed carrier filled at the granary door is pushed around the circle. All the stock have been fed in the one trip and, when done, you are back at the starting point. A similar saving in steps occurs in feed, hay and in cleaning out the barn. In a rectangular barn much retracing of steps with empty carrier is necessary and one travels farther in feeding and cleaning. The grain bins in this plan may be made round—such bins are very good and only a little more difficult to build.

Round Barns Are Not Difficult to Build

Because of lack of familiarity with round barns, some carpenters believe them difficult to build. Drawing a working plan of a round barn is difficult; the erection is no more so than another barn. There is less careful work required by the carpenter to put up our No. 414 than in the average truss frame. There are no trusses to build or wind bracing to put in. The detailed plans and information we furnish purchasers enable anyone of ordinary skill to build this barn and it is a mistake to refrain from buying a barn of this type because of the supposed difficulty in erection.

What Size Is Best

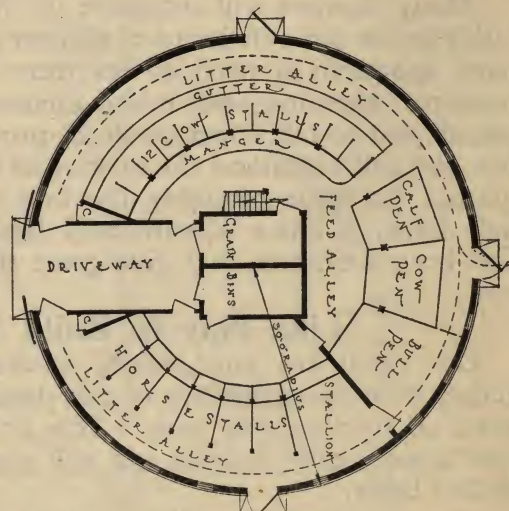
After many years of experiment, round barn builders have settled on the 60-foot diameter as the practical dimension for a barn of this kind. It is sometimes proposed to get in a double row of stock, stalls or pens, and while it is possible to do so by enlarging the barn, it will be found that the extra cost of the heavier construction necessary in the roof and the extra labor of filling the mow renders it impracticable.

Description of Barn

This plan is 60 feet in diameter, 50 feet high over all—42 feet high to base of cupola. The barn is designed to be built on a concrete wall 3 feet high above grade, to which it is securely bolted. It is 16 feet from sill to plate. The construction is plank frame. Sills 4 x 8, plates 6 x 8. The sills and plates are simply immense hoops, enormously

strong, and they carry easily the weight of the roof and its outward thrust. There are no posts or braces of any kind in the loft. This space is entirely clear and unobstructed. The hay is taken up from the driveway or large grade door with either forks or slings. The hay track is fastened to the purlin, which is a 6 x 8 built-up timber, and can be dropped anywhere around the circle. The plans we furnish without charge to purchasers of this barn make plain all details of construction. Such plans, if purchased, would cost 10% of the price of the barn.

NOTE: The cost of the hay unloading tools for this barn depends somewhat on how it is to be operated or from what point the pull will be applied to the hay carrier rope. Quotations on a complete outfit of standard manufacture will be made when we are furnished the necessary information to quote intelligently.



Plan No. 414-B. This floor plan shows a well-balanced division of the floor space in a round barn of 60 feet diameter—and will fit our Barn No. 414. There is plenty of room between grain bins and manger for an overhead carrier track. The feeding and cleaning in this plan can be done with no loss of time or labor. This plan may be changed to suit the purchaser.

We furnish strong, manufactured doors, window frames, Quality house paint and 5 to 2 cedar shingles for all "Gold Medal" Barns



Barn No. 404

"Standard" Specifications (see page 16). Sided with vertical Barn Boards
Five sizes priced on page 1

A Good Hay, Cattle or General Purpose Barn

THIS barn is put to a variety of uses such as a barn for stock cattle or sheep or for work stock and farm machinery. A driveway door is provided at one end of each driveway (these are shown in illustration). A Dutch door (see page 13) is regularly furnished at the opposite end of each driveway. These doors can be changed to meet requirements of a general purpose barn.

Many farmers will recognize in this plan a similarity to the old pole barns of pioneer days. The pole barn answered a need of its time—as long as it remained standing—but it was inclined to get out of plumb and to fall down on slight provocation. Plan No. 404 will withstand the racking of winds and keep plumb, for while retaining the best features of the pole barn, it has a scientifically designed frame of well-braced timbers that give great rigidity at small cost.

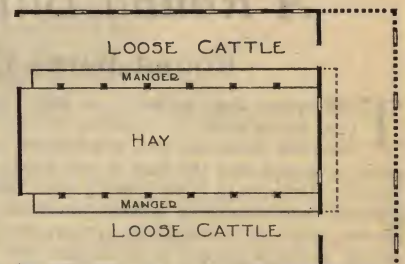
Like Play to Build It

Our ready-cut and plainly marked lumber, together with the simplicity of this design, renders the work of erection very easy. This barn, like all the rest, is very easy to erect and will require very little skilled labor.

Size and Description

Plan No. 404 is substantial throughout; the hay bay is 20 feet wide and 25 feet high. The plank frame style of construction is used in part. Sills are 4 x 8 inches, and plates are 4 x 6 inches; shed posts

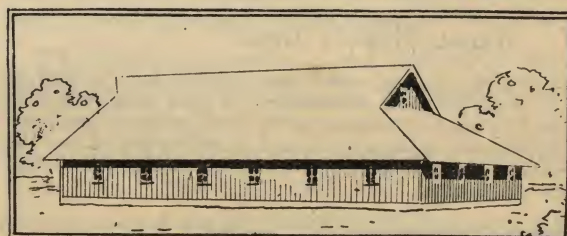
4 x 6 inches; rafters 2 x 6, timbers 24 inches on center; girts 2 x 6 inches; hay bay posts solid 6 x 6 inches, 8 feet on center; hay bay planking, 2 x 10 inches, is spaced 10 inches apart. For a height of 4 feet the hay bay is enclosed tight by the addition of 1 x 10 inch boards between the bay plank. There is a space left above the top bay plank for throwing down hay into the rack, and another space 7 feet above the floor through which hay may be thrown into the rack.



Solid black line shows floor plan of Barn No. 404 as furnished. Dotted line shows shed which may be added.

Optional Shed at Rear

Where this barn is used for cattle it is often desired to add a shed at the rear as shown below. This is very easily done and enables you to drive the manure spreader entirely around the hay bay for cleaning out. Additional prices for this shed for all sizes of this barn are shown on page 1.



Shed on Rear is Optional — Prices on page 1



Barn No. 424

"Standard" Specifications (see page 16). Sizes of Timbers shown below
Sided with 1 x 12 selected vertical Barn Boards. 12 sizes priced on page 1

A Gambrel-Roof Feeder's Barn of Improved Type

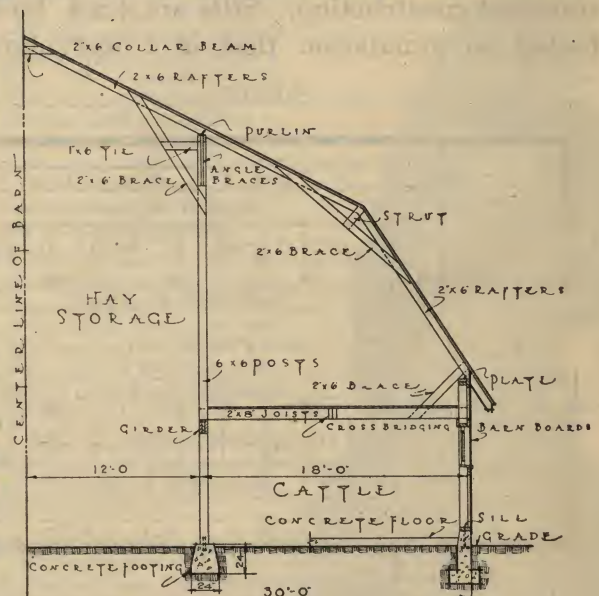
Feed Your Steers in This Barn. The Increased Gain Will More Than Pay Interest on Investment

THIS is the popular corn belt, general purpose barn, which we have improved by the addition of a gambrel roof. It is bolted to a 12-inch high concrete foundation. It is furnished ready framed in two widths only, 52 and 60 feet. When built 52 feet wide the hay bay is 20 feet wide, leaving 16 feet on two sides of the bay post for stock in stalls or at large. The hay bay extends from ground to roof. The 60-foot width has 24-foot wide bay and 18 feet each side for stock. Height of side walls, 9 feet, 6 inches.

Construction Explained

The hay bay posts are 6 x 6, spaced 8 feet apart and planked to a height of 8 feet with 2-inch thick lumber. There is a tight floor over the stock. The barn is framed as shown in the cross-section drawing. All barn timbers are of ample size and strength. Double doors 9 feet wide at each end and on both sides of the barn admit team and spreader for cleaning out. The larger double doors shown in the center of the illustration give access to the hay bay. They are furnished for one end only. The gable hay door is our best counterweighted door. Other doors will be furnished when desired. The barn is 32 feet high at ridge.

A barn of this type provides storage and stabling at nominal expense and can be very conveniently equipped with stalls and grain bins. Our barn men will furnish suggestions for arrangement of floor space, when informed of the number and kind of stock you are building for. The lumber we put in this barn is the best of its kind and grade.



HALF-CROSS SECTION

Note the thorough, staunch construction and bracing used in this barn, yet a maximum loft space is attained

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing for all "Standard" Barns



Barn No. 430

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 clear Yellow Pine Drop Siding
Sixteen sizes priced on page 2

An Inexpensive Shelter for Dairy Cattle or Other Live Stock

THIS plan provides inexpensive stabling for dairy cattle or other stock, and is designed to meet modern requirements of light and sanitation. Equipped with cement floor and Gordon stalls, it provides a place where clean milk can be produced. There is no ceiling or loft in it, so it should be built to or near another building containing feed.

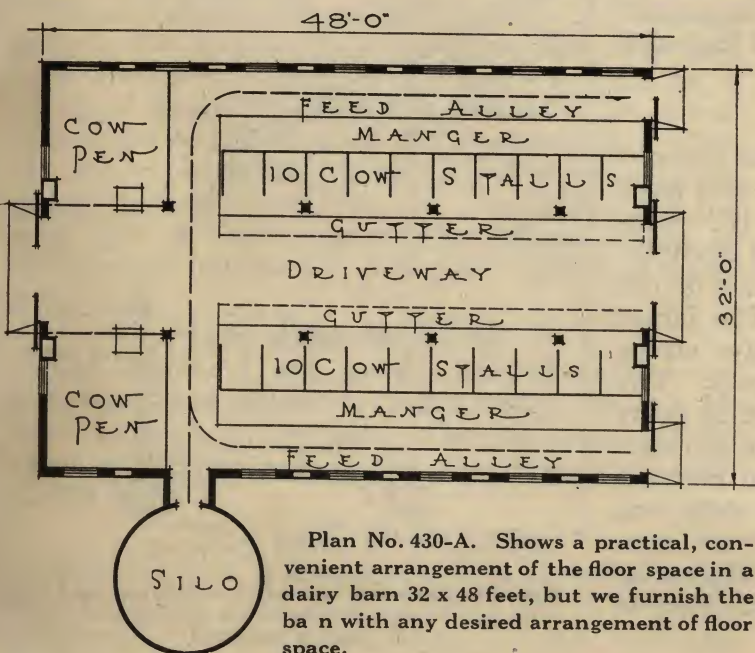
It has a light, but sufficiently strong, frame of standard construction. Sills are 4 x 4, built up and bolted to foundation that is 2 feet above grade.

Studding and Rafters 2 x 4, 24 inches on center. Roof Sheathing is laid solid, over which our guaranteed Jap-A-Top Roll Roofing is put on. Outside Walls and Finish is Clear Yellow Pine. The roof is well supported by a double row of posts through the length of the building, and the building is well braced to prevent spreading or sag in the roof.

The illustration is a picture of the building as it is regularly shipped. The doors shown in the illustration are furnished for both ends. Dutch doors may be added if desired. Windows are our special White Pine, 9-light dairy sash, with ready-made frames. They are placed at intervals of about twelve feet in the side walls. The building is furnished complete with all lumber—ready-made doors and windows, nails, hardware and paint for two coats outside brush work, frame cut and fitted at the low price given on page 2.

Used as a Sheep Barn

This design is frequently used for stabling sheep, for which it provides inexpensive shelter. When so used, a part of the building is fenced off for grain and hay. Sheep require little more than a dry floor and to be out of the wind. This barn will provide the necessary shelter and the large windows placed high in the wall will admit the sunshine or fresh air in the abundance so necessary for the health of the flock.



Plan No. 430-A. Shows a practical, convenient arrangement of the floor space in a dairy barn 32 x 48 feet, but we furnish the barn with any desired arrangement of floor space.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing on all "Standard" Barns.

Gordon Standard Cupolas

Gordon Standard Cupola (Style "A")

THERE is no modern barn improvement that has come into such general use, that adds more to the appearance, than the Galvanized Steel Barn Cupola.

Gordon Cupolas combine to a marked degree utility and ornamentation, and you are sure to be satisfied with the values we offer in this line. Gordon Cupolas are exceptionally well made. Their structure is accomplished with more than average neatness and strength.

Gordon Cupolas are built of special non-rustable steel, all bolts and rivets galvanized. They are scientifically constructed to use the force of the wind to draw out the foul air from the building. They are screened to keep out the nesting birds and no snow or rain can enter them. They cost less than wooden cupolas and wear much longer—need no paint or repairs, and will, in fact, outlast the building on which they are placed.

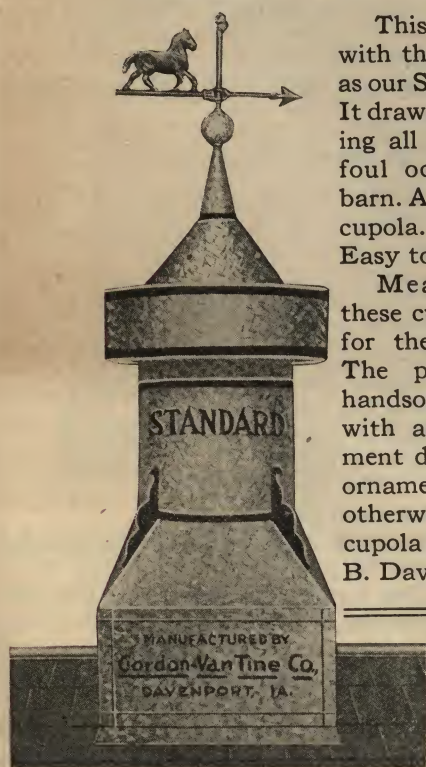
Gordon Cupolas ventilate the hay mow and draw out the moist air that would rot the barn frame. They are not intended to ventilate the stable below the loft floor, except in warm climates.

They are highly ornamental, and add to a building that finishing touch that is so pleasing to the eye.

They are not cheap cupolas, but the best we know how to build. Nothing better is manufactured—our prices are low—the quality high—we promise entire satisfaction.

Gordon Standard Cupola (Style "B")

Priced in six sizes on page 4



Gordon Standard Cupola Style "B"

This cupola is made with the same style top as our Style "A" Cupola. It draws like a flue, sucking all the bad air and foul odors out of the barn. A very ornamental cupola. Solidly built. Easy to install.

Measurements on these cupolas are shown for the base and flue. The prices include a handsome weather-vane with any animal ornament desired, but horse ornament shipped unless otherwise specified. All cupola prices are F. O. B. Davenport.



Gordon Standard Cupola Style "A"
Five sizes, 9½ to 14 feet high

joy as long as the building stands.

Note: Cupolas and ventilators are not included in price of buildings, but are quoted in accordance with number and style desired.

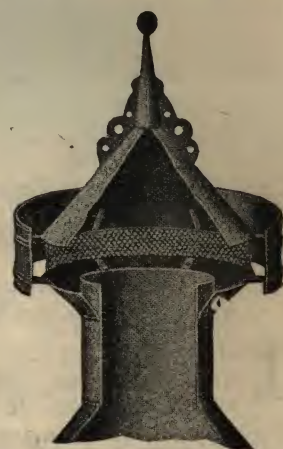
Sizes and Prices on Page 4

You cannot buy, at any price, a better cupola than this beautiful piece of metal construction. A cupola with an all-steel base, made up ready to fasten to the building; can be secured to the building with less labor than any cupola on the market.

The base is reinforced by 1½-inch angle iron, braced and cross braced. It is secured to the building by long bolts or rods that connect the barn frame to the heavy angle iron bars of the base frame.

The finish is superior to anything on the market. The moulding and ornaments are painted a dark sun-proof red. Body is silver.

The material is special, non-rusting steel; bolts and nails galvanized. In all, a thing of strength and beauty and a



Cross Section of Gordon Standard Cupola

Gordon Revolving Ventilators (Two Styles "C" and "D")

THESE revolving siphon ventilators are made of the same high quality materials as our large cupolas. They are designed for use with our gravity ventilation systems, and on poultry or hog houses. They are placed at the top of the foul air ducts as shown on page 18, or used as a cupola as shown on buildings 456, 457, and 495.

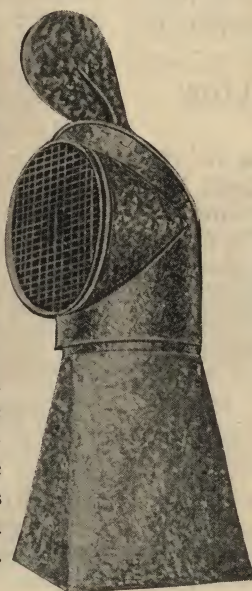
These ventilators are scientifically correct in principle. They have been tested on hundreds of our buildings. Any movement of air past the ventilator produces a suction or siphonage that draws the foul air up the duct.

The revolving hood keeps the open side away from the wind so that no rain or snow can enter it.

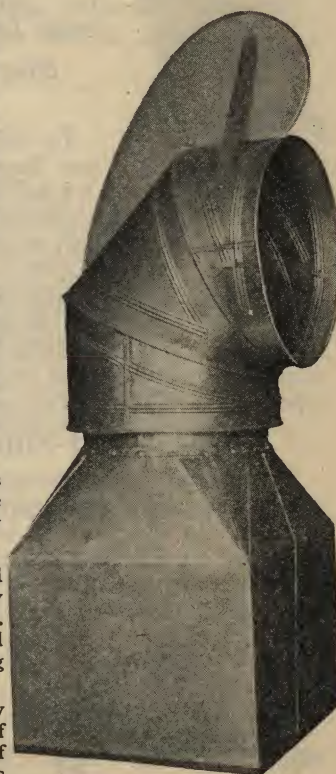
This hood turns on a rod point bearing which is entirely protected from the weather.

It is not affected by snow or freezing. It works perfectly in all winds and weather. Our ventilation engineers will be glad to assist you in planning your ventilation system.

Gordon Revolving Ventilators come in two styles—"C" and "D." They are of the same high quality material, differing only in the construction of the base. Style "C" tapers in from the bottom, while the sides of the base of Style "D" are perpendicular, as shown in cut to right. Sizes and prices shown on page 4.



Style "C"



Style "D"



No. 457 with Wood Wall

Our Sunbath Hog House

Both of these buildings are "Standard" Specifications
7 sizes priced on page 4

No. 456 with Tile Wall
We do not furnish the tile

THIS plan is rapidly displacing all other types. It is the sunniest, driest, and warmest hog house of which we have knowledge. It is the type of house that the breeders of registered swine are demanding, and so inexpensive that the grower of hogs for the common market cannot afford to be without it.

No. 457 has a side wall consisting of two thicknesses of wood, with paper between, forming a warm windproof building.

No. 456 has a tile wall—a fine wall but more expensive in most localities than lumber. We do not furnish tile on account of heavy freight charges for shipping.

Steel Framed, Non-Leaking Windows

In this plan the sun's rays are on the pen floors from early morning until late afternoon. Each 6 x 8-foot pen is provided with two windows arranged in a double row on both sides of the roof. The frame is made of heavy galvanized steel with a four inch flashing all around. To absolutely prevent leaking, center piece of windows and outside edges are small V-shaped troughs which carry away every bit of moisture that comes off the glass. The glass is double strength and is held in place by metal clips—no putty is used—and is protected by heavy galvanized screen. The roof opening is 21 x 28.

Self-Supporting Roof

A valuable and pleasing feature of this plan is the circular roof. The rafters are constructed upon the same principles as those in our Gothic-roof barns. They are made up of four pieces of 1 x 4 bolted together, forming a solid bent rafter. These are easily built on the job with the aid of a form, constructed according to blue prints, or may be bought built

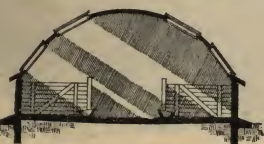
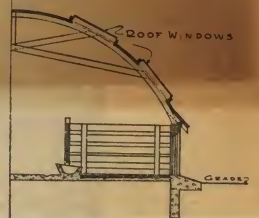
up at our factory and shipped in the same car with the material for the hog house. Factory-built Rainbow Rafters are described on page 22.

Materials

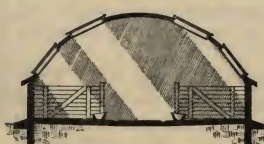
For the catalog price we furnish all material as specified on page 16. The wood pens are equipped with Stankee Folding Pig Guard Rail and corner nest. This is a feature that will appeal to every hog raiser. With it the little pigs are provided with a warm, safe corner which they soon learn to use. This device is described and illustrated on page 45. These complete pens are priced separately on the price pages. Gordon blocks to pave the pen floors are shown on page 64. Prices on these are quoted on request. Price on steel pens will be quoted upon request.

Description of Pens

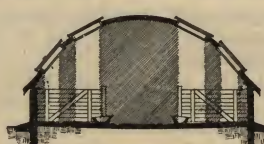
Our sunbath pens are 6 x 8 feet in size. Pen partitions are tongued and grooved flooring; they are 3 feet, 6 inches high, and removable. The guard rails attached to them are equipped with Stankee hangers (see page 45) and fold back flat so that the partitions may be piled one on another. The front of each pen contains a gate for entering pens. Pen fronts and partitions may be removed when it is desired to use the house for feeding hogs. The trough is usually made of concrete and occupies a part of the width of the pen front. The lip of the trough extends beyond the front gate, which it is not necessary to move in order to fill the trough. The Gordon blocks described on page 64 make an ideal floor for these pens. Gordon Litter Carrier No. 3A3105 is the one usually ordered for use in cleaning the house.



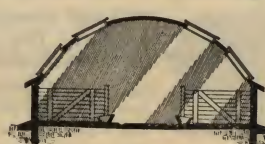
Early Morning



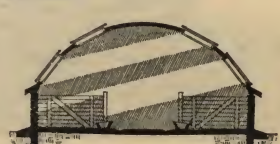
10 A.M.



Noon



Mid-Afternoon



Late Afternoon



Hog House No. 482

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 drop Siding. 15 sizes priced on page 3

A Hog House of Standard and Popular Design

A Big Seller

AN IDEAL farrowing house for hogs should provide warmth, dryness, and direct sunshine in the pens. It must be so constructed as to be easily kept clean and sanitary. It must be a safe, comfortable place for the young pig and mother and so arranged that the feeding and cleaning can be done with the least labor. That such a hog house can also be of good appearance and durable is shown by a little study of the above plan.

A February or March pig needs sunshine—a sun bath—in order to feel good and grow fast. He needs a warm floor to lie on and he gets both in this house. The steel-framed, non-leaking, Sunlight Roof Windows, illustrated on page 42, put the sunshine on the floor of the pens—right on the nest—on both sides of the house—early in the morning and until late afternoon. The house is built east and west; the sunshine windows are on the south slope of the roof. There is a window on the roof for each 6 x 8 pen inside. Each pen has its roof window. The glass is covered with a heavy galvanized screen which protects it from hail or breaking from other causes. They are easily built in the roof and are absolutely water-tight. There is also a window in the side wall for each south pen. Exercise pens or lots should be built along the sides of the house, at least on the south side. As the location will often govern the size of these pens, we do not include them in our prices.

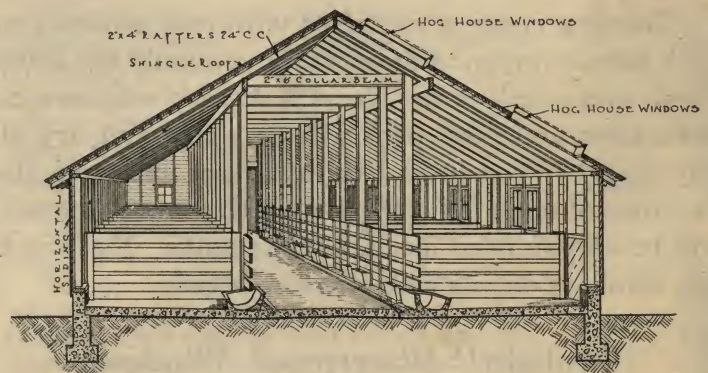
Bad Hog Houses Kill More Hogs Than Cholera

The number of pigs lost yearly through the lack of proper care of the sow and young litter is enormous. The hog, long known as the "mortgage lifter," is usually the last animal on the place to be properly housed. The modern hog house not only means more pigs saved, but also better care and better growth, and less work for the feeder. Modern hog houses pay good dividends.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced roofing for all "Standard" Buildings

Description of the Building

The illustration is an exact reproduction of this house, built 24 feet wide. It is bolted to a concrete wall one foot above grade. Total height of side wall is 6 feet. Height to ridge 12 and 13 feet. All pens are 6 x 8 feet. There is an outside 2 x 3 door for each pen. An exercise lot for each south pen should be provided when possible. A house 20 feet wide has a 4-foot feeding passage; a 24-foot house has an 8-foot driveway or passage. The small doors are opened or closed by a cord and pulley from the feeding passage.



This perspective shows framing construction and pens clearly

Cupola ventilation may be added at slight extra cost. The frame is substantial. Studs and rafters 2 x 4, 24 inches on center. Posts under roofs are 4 x 4, 6 feet on center. Six-inch drop siding covers the outside walls, and the roof is covered with the best slate-surfaced, fire-resistant roofing. Inside lining for walls and gables can be added at small extra expense.



Hog House No. 455 A and 455 B

"Standard" Specifications (see page 16.) Sided with horizontal 1 x 6 Siding
Nine sizes of each priced on page 3

A Gambrel Roof Hog House with Roof Windows on One or Both Sides

HERE is a gambrel roofed hog house in much demand among hog raisers with gambrel roofed barns, granaries and other farm buildings. A hog house with the same style roof adds immensely to the appearance of the buildings as a group.

This hog house is furnished with roof windows on both sides or on one side only. If you build the house north and south order No. 455 A with windows on both sides and your pens will be warm and dry all day long. If you intend to build east and west, the two tiers of windows along the south slope of the roof will be all you need for excellent results. No. 455 B has windows on one side of the roof only.

"Sunlight" Waterproof Windows

All Gordon-Van Tine hog houses, except No. 470, are equipped with "Sunlight" metal framed windows. We consider these the most satisfactory roof windows made. They are constructed so that it is impossible for water to get through. A trough along the inner and outer edges of the panes of glass, forms a natural drainage and carries the water *off* without letting any of it *through*. Illustrated on page 42.

No putty is used. The glass is double strength, is held in place by copper clips and is covered by heavy half-inch mesh galvanized netting which protects it from hail or accidental breakage. We use these windows exclusively for hog house roofs because they are the only window we know of that absolutely will not leak.

Description of Building

This building is 24 feet wide. The sidewalls are 3½ feet high, the sills resting on a concrete wall 1-foot high. Height to ridge 14 feet. Pens are 6 x 8 feet. Each pen has an outside door size, 2 x 3 feet. The frame is strong and substantial. Pen posts are 4 x 4's. Roof is made of 1 x 8 shiplap sheathing covered with red slate surfaced asphalt roll roofing—guaranteed for 15 years.

We recommend this building as an excellent value. It includes all the best features we have developed in fifteen years of farm building designing. In ordering be sure to mention whether you wish roof windows on one or both sides. Nine sizes of each priced on page 3.



Hog House No. 470

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 Drop Siding. 13 sizes priced on page 3

Our Monitor Type House—a Great Favorite

An Old Stand-by—The Saw-Tooth Roof

THE above illustration is an exact reproduction of this popular hog house, built east and west, the glass to the south. The south row of pens is lighted by windows in the south wall. The large 12-light windows, placed close together in the upper row, warm up the north row of pens. The north side, being the colder, should receive the most sunshine. In February and March a sun bath is as necessary as food. In midsummer, when the sun's rays are nearly perpendicular, the afternoon sun does not shine much on the floor of this house, which at that time affords a shady retreat for the hogs.

Description of Plan No. 470

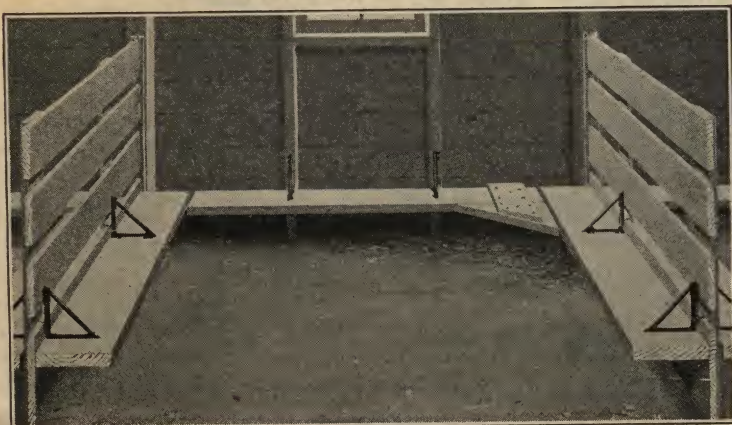
The house is furnished in two widths found best by experienced breeders. The passageway is 6 feet in a house 20 feet wide—8 feet in one 24 feet wide. The building can

be furnished longer than shown in price columns. The sills are bolted to a wall one foot above grade. The side walls including one-foot concrete wall, is 5 and 6 feet to plate. The total heights of the two widths are 12 and 14 feet. The "saw tooth" is 5 feet high and the windows in it are 2-sash plain rail windows. The lower sash is arranged to be raised and lowered by cord and pulley from the center passage. Outside pen doors are 2 x 3 feet and there is one for each pen on each side of the house. The doors at both ends of the building are alike—one being shown in the picture above. These are our famous Dutch double swinging doors. The pen doors can be opened or closed from the center passage. Material for outside or exercise pens will be furnished when desired. The pens are the same as those described for plan 457 on page 42 and are equipped with the Stankee Folding Pig Guard Hanger which is described below. In 20-foot width, pens are 6 x 7 feet. The building is framed as shown in the cross-section drawing; studs and rafters are 2 x 4, 24 inches on center. The roof is sheathed solid and covered with guaranteed 15-year slate-surfaced Jap-a-Top Roll Roofing. This tight roof tends to make the building warm in winter.

"Stankee" Pig Guard Hanger Furnished With All Hog Pens

The Stankee Pig Guard Hanger is one of the greatest devices ever made available to hog raisers for preventing losses of little pigs. The illustrations below and at the right show just what they are and how they operate.

These guards and corner nests protect the little pigs and give them a chance to grow up and make money for you, and they are included for every pen in the purchase price as quoted in the first pages of this book.



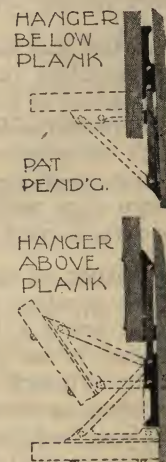
These guards are always in place, but never in the way. Whether the hangers are fastened on the top or bottom of the plank, the plank may be folded up out of the way, making it easy to clean every nook and corner and thoroughly disinfect the pen. You are in this way protecting your pigs against disease and at the same time reducing your work by one-half.

Pen partitions, when removed, may be piled flat in compact piles.

Stankee hangers may be attached anywhere to any kind of new or old walls or partitions. They may be used in any size pen. These hangers are made of the best obtainable material. They are practically indestructible. We guarantee that your hogs cannot break them.

The Stankee hanger is strongly endorsed by prominent hog men, agricultural colleges and experts of the United State Department of Agriculture.

If you wish to equip your old hog house with Stankee hangers we will be glad to make you an estimate and quote a price on the number that you will need. We furnish complete directions for installing. *Planks which are attached to hangers are not included.*





Hog House Commissary No. 488

Combined with Hog House No. 482

Commissary No. 491

Combined with Hog House No. 470
"Standard" Specifications (see page 16)
Priced on Page 4

"Standard" Specifications (see page 16). Both of these Buildings are sided with 1 x 6 Drop Siding. Priced on page 4

THE higher part of the buildings in the illustrations above is the Commissary. In it is kept the feed, bedding, stove or cooker; it provides a place for mixing feed, storing shipping crates, tools and disinfectants. A farrowing house joined with this commissary makes a complete plant. Everything is at hand to enable and invite the feeder to properly care for his herd with the least time and effort.

Most so-called bad luck with hogs is in reality only a lack of facilities or buildings that make it impossible for the herdsman to take good care of the hogs. A Gordon-Van Tine Commissary Hog House will do wonders in removing the bad luck of which many complain. With everything handy—water, feed, bedding, litter carrier, etc., all under one roof—more pigs will be saved and given the right start toward profitable pork.

Either of these commissaries provide storage for two or three months' feed for the average size herd. The bins for grain are 8 x 12 feet and 8 feet high and will contain 290 bushels of ear corn or about 600 bushels of mill feed or small grain. There is a space 16 x 12 feet to be used for mixing feed, cooking, or for a stove and tools. Then there is the loft; two loads of bedding put in there when straw is bright in the fall will be mightily appreciated by the hogs on cold winter days.

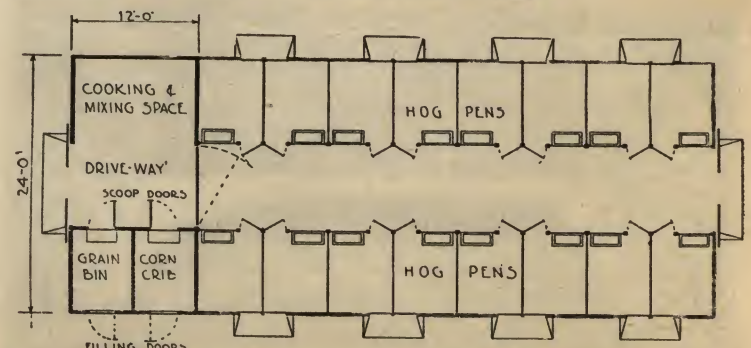
Size and Price

These buildings are 24 feet wide, the same width as our farrowing houses, Nos. 470 and 482, to which they are usually joined, 12 feet deep and 14 feet from sill to plate. They are bolted to a concrete wall one foot above grade and are thoroughly well-

built structures in all parts. The floor at grade is best built of concrete, which we do not furnish. The loft floor is of 6-inch dressed and matched lumber. No dust will come through; the head room below loft is about 8 feet. The buildings, which are neatly trimmed and finished, are furnished ready framed in one size only. Experience has shown that this size is just right for the average farrowing house of from 12 to 20 pens.

Doors and Windows

An 8-foot wide door in two parts, hung on covered track and roller-bearing hangers, is placed at the entrance to driveway through the commissary. An 8-foot gate 4 feet high is provided to close the 8-foot passageway between the joined buildings. There are two windows in the gables and three windows below. Prices will be found on page 4.



Floor plan of Commissary combined with Hog House
Prices do not include Farrowing Houses

We furnish strong, manufactured doors, windows, frames, finest barn paint and slate-surfaced roofing for all "Standard" Buildings



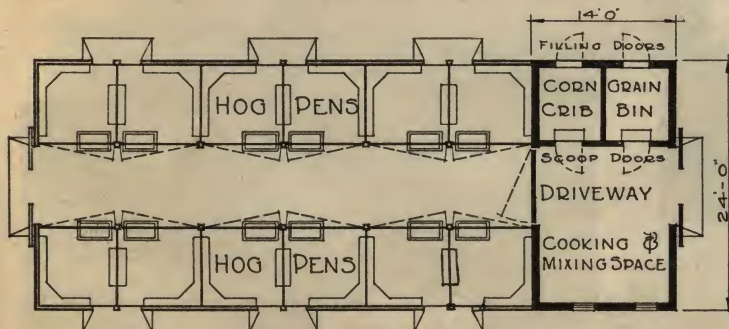
Commissary 495 combined with Hog House 456

"Standard" Specifications (see page 16). Commissary sided with horizontal 1 x 6 Drop Siding. Prices on page 4

Our "American Plan" Combination

On the American Plan

DESIGN No. 495 is on the American plan—because it is equipped to feed as well as sleep the guests. It has a kitchen and pantry as well as bedrooms. This is a two-story building containing a hog kitchen and pantry. It is pictured joined to our Sunbath Hog House No. 457. It provides a place 24 x 14 feet for storing feed, mixing and cooking. In the loft is room for a large load of both straw and alfalfa, with room left for storing shipping crates. The floor plan shows a convenient way of arranging the floor space, and how the two buildings are joined. It is a pleasant chore to care for hogs in such a building, where everything is handy.



Floor Plan of Commissary No. 495, Combined with Farrowing House No. 456. Description and Prices of No. 495 refer only to building enclosed in solid, heavy, black lines. Farrowing House is priced separate.

Construction Explained

Plan No. 495 is 24 x 14 and 14 feet to the plate. It has a tight mow floor 8 feet above grade. It is 21 feet high over all. The illustration is a true picture of the building as it is and looks, when built according to our plans. All the dimension lumber is cut to fit before it is shipped and the doors, windows, and window frames are fully manufactured. We do all the difficult carpenter work, which makes it easy to put up the building. The double doors are large enough to admit a team and load of feed. A gate separates the farrowing house from the feed house. The heat from the stove or cooker goes into the farrowing house. A strong frame of No. 1 ready-cut lumber is furnished, the outside covering is tight-fitting, tongued and grooved drop-siding, and the roof is our Guaranteed Slate Surface Jap-a-Top Roll Roofing, to match the roof on our Sunbath House. The color of the roofing is dark red. There are three windows and one loft door in each end of the building; there are no posts under the mow floor; the ground floor space can be arranged as in floor plan shown at left, or in any way the purchaser desires. We furnish all material, except masonry or tile, to complete the building as pictured and described.

The building is bolted to a 4-foot tile or masonry wall and is one of remarkably good appearance. Such a building is a valuable asset to the breeder of registered swine and will add considerably more than its cost to the value of the farm.

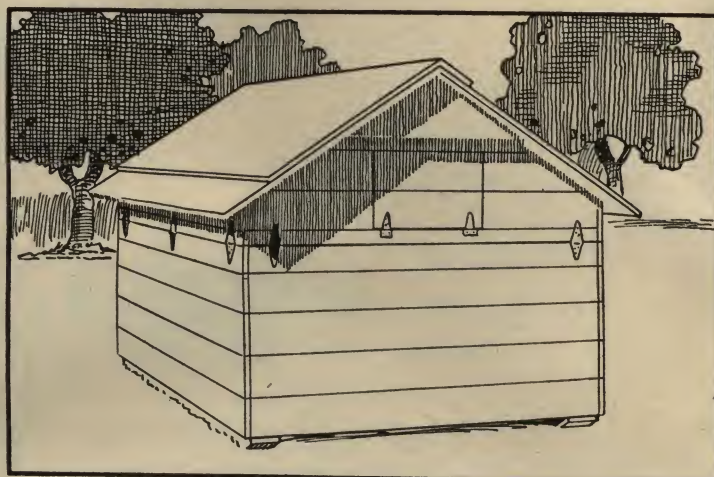
We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced roofing on "Standard" Buildings



Iowa Individual Movable Hog House— Insures Quick Growth



Roof and Sides Raised



Closed for the Night

Iowa Movable Hog House No. 468

Read "Standard" Specifications for Materials, on page 16. See page 3 for prices on this Hog House

HERE is the well-known Iowa type individual hog house. This plan originated with the Iowa State College of Agriculture, where it has been in successful use many years. It is a substantially framed building of good appearance and planned with much intelligence and regard for the safety and well-being of the sow and her litter. Because of the tendency to breed larger swine we have made some slight changes in the college plan of this house. Plan No. 468 has a height of 3 feet at the plate above the dressed and matched floor and a door height of 2 feet, 8 inches. This height will permit larger sows to enter the house without injury to the back. One side and one end wall are hinged and open out to provide additional shade. Hooks and staples fasten the doors on the outside when closed. There is a hinged door in one gable, and in one end, an entrance door. One side of the roof is hinged at the peak and can be laid back to let the sun shine through the windows directly on the nest, which it warms and disinfects. Provision is made for ventilation where all doors and windows are closed by a small opening beneath the ridge

in each gable. These openings are so protected by a triangular board placed flush with the extended roof boards that there are no draughts, and rain or snow cannot enter.

This house can be easily shifted to fresh ground when necessary.

A guard rail of plank is arranged to form a retreat for the pigs and prevent their being overlaid.

All parts cut to fit—easily nailed together on the farm by any handy man.

What You Get

Plan No. 468 has sills in the form of runners. A very substantial frame is furnished of 2-inch material. The frame will stand rough handling in moving from one location to another. No wind will get through the tight, dressed and matched side walls and roof of this house. There are three 4-light sash in the roof. Good heavy hinges are furnished for doors. Nails of proper sizes and paint for two coats are included in price. The blue print plans furnished without charge make it a very simple matter to put in place and nail the Ready-Cut material.

Ready-Cut, Gable Roof, Individual Hog House With Cypress Walls— Yellow Pine Frame

Priced, with or without floor, on page 3

THIS gable roof, individual hog house is provided with walls of cypress—one of the most durable and weather resisting woods known. Floor and frame is of strong No. 1 Yellow Pine—all material cut to fit, ready to nail together. Everything is bundled and marked so that only a few hours time is required to put it together. No cutting is necessary and we furnish all nails, hinges, hasps and staples for both doors. Paint is not included.

This type is somewhat more roomy than other individual hog houses, and therefore very popular. The side walls are 2 feet 5 inches high while the overall height is 5 feet. It is furnished in two sizes, 5 feet by 6 feet, and 6 feet by 7 feet, and is sold with or without floor. Prices will be found on page 3.

The hinged door in the roof lets in the sunshine and warm air during the day and keeps the heat in at night. You will find this type of individual hog house thoroughly satisfactory as to service, remarkably low in cost, and easy to build.



Ready-Cut, Individual Hog House No. 453

Guaranteed Prices—No Extras

Ready-Cut Wigwam Hog House

Sides of Cypress—"The Wood Eternal"

WINTER'S snow and summer's sun will not rot this staunch little hog house. Sides are made of 1 x 10 cypress, long famed for its weather-resisting qualities, and will give you years of service under the severe conditions that a hog house of this kind must withstand. Frame and floor are of No. 1 yellow pine. All material is ready cut, bundled and marked, and can be nailed up into a strong, substantial hog house in a few hours' time. No cutting of any kind is necessary. We furnish all necessary nails and hardware. We do not furnish paint.

Easily Warmed and Well Ventilated

This type of individual hog house is extremely popular because it is inexpensive and provides a highly satisfactory shelter at farrowing time. It is easily moved about so that the mother and litter get necessary quiet and forage. The



Gordon-Van Tine Ready-Cut Wigwam Hog House No. 452. Scientifically Right

heat of the sow's body will keep it warm and comfortable at night, while plenty of air and sunshine are admitted during the day through the door in the roof. The latter is a splendid feature as it can be opened on the coldest bright day, allowing the sunshine to warm and dry the nest without causing drafts on the floor and chilling the house.

The Ready-Cut Wigwam Hog House is furnished in two sizes, 5 feet by 7 feet and 6 feet by 8 feet, and is 6 feet in height. Either size is furnished with or without floor. The hinged door on the end is large enough to provide an easy passage for the largest sow. We furnish hinges, hasps and staples for both doors. We do not furnish paint as most customers have paint on hand which can be used for this purpose.

You will find this a durable little building well designed for the purpose, easy to build and an extremely good value at the low prices quoted on page 3.



Gordon-Van Tine Ready-Built Wigwam Houses Give the Pigs a Running Start

Building Hog Houses for Profit

Right Houses Mean More Pigs—Quicker Finish

THE first essential of profitable pork-production is saving 100 per cent of the pigs farrowed, or as near 100 per cent as can be attained. We hear a great deal about prolificacy of the breed, but how about prolificacy of the hog house? Swine breeders devote years to building up a herd that will average eight or ten to the litter, and at the very same time go right on losing an average of two pigs to the litter on account of poor housing at farrowing time.

A modern hog house means more pigs and faster growing pigs. The pigs lost every year in this country, through lack of care and good housing would, if saved and grown out, pay the interest on our National Debt. The very young pig is the most helpless of infants, however well able to take care of himself later on, and can be neglected at birth only at great cost to the owner. That there is no "royal road to wealth" is especially true in pork production, yet almost every day we witness or read of men paying two hundred to five hundred dollars for breed sows, taking them to farms that are not ready for their reception, where adequate housing has not and will not be made. Such buying is nearly always a disappointment; often it is disastrous.

Build the House—Then Buy the Pigs

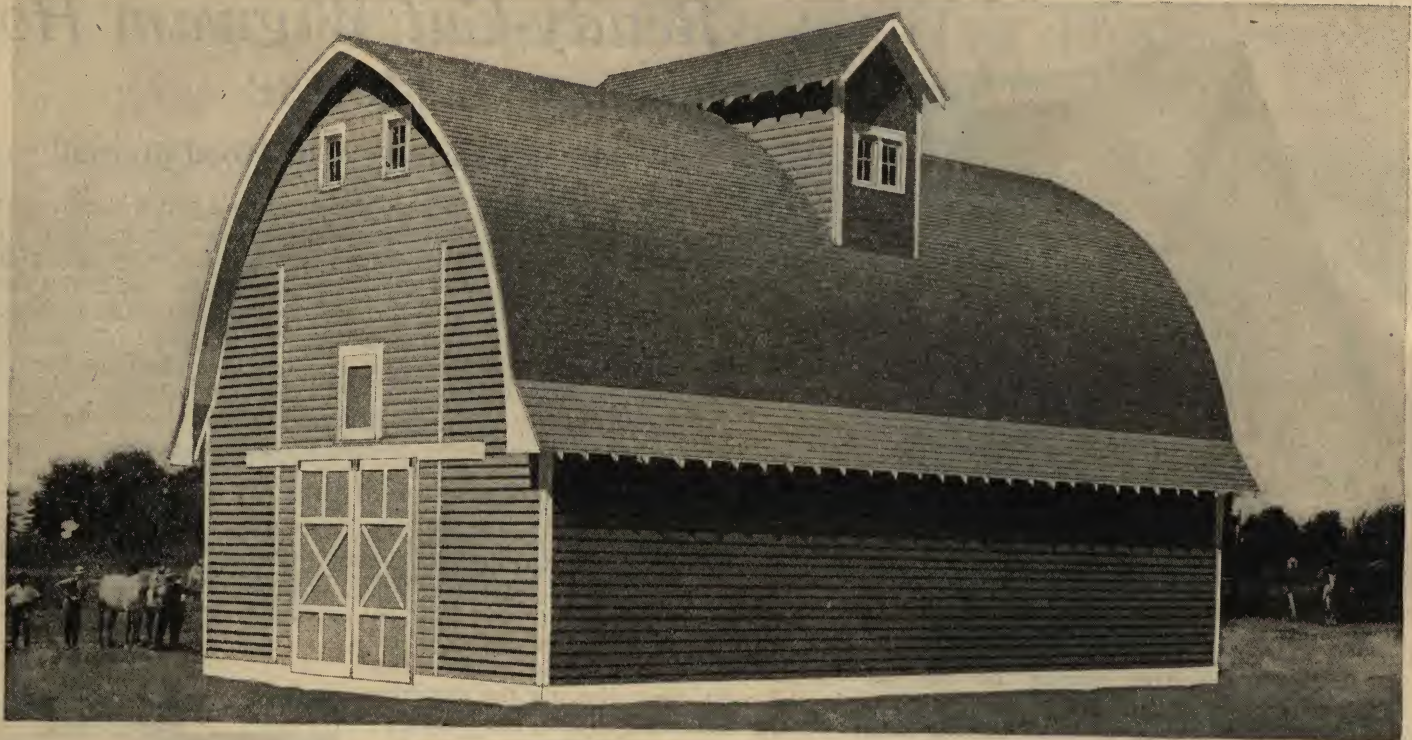
Don't get "the cart before the horse." This expression, applied to swine growing, means "don't get the hogs before you build the hog house," but if you did, then hurry up and build the house. A Gordon-Van Tine Hog House will save the pigs and give them a good start; after that it's up to you. Never for an instant lose sight of the fact that to sell pork you must first save the pigs, and that the best place to save pigs is a modern Gordon-Van Tine Hog House, which is carefully planned in every detail for that special purpose.



Gordon-Van Tine Hog House No. 482
Built by A. T. Mathewson,
Elburn, Ill.



Interior of Hog House Shown Above.
Note All Pens Flooded With Sunlight



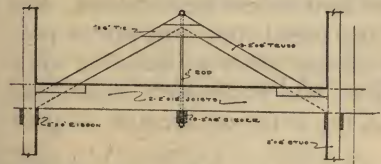
Priced in either "Gold Medal" or "Standard" Specifications on page 4
Factory-built Gothic Rafters furnished at slight additional cost. 10 sizes priced on page 4

Masterpiece Crib and Granary No. 492

ALL farmers who have had experience with the Gable and Gambrel-Roofed Granary, as commonly built, will, we think, readily recognize the superiority of Plan No. 492. This granary can be relied on to carry the loads, it is desirable such a building should carry, without strain in any part. The Gothic roof, that lends itself so admirably to a building of this type, gives increased storage, better ventilation and plenty of working room for the elevator spout.

Construction Explained

Strength of Frame—A common fault of the old style granaries is their lack of strength and rigidity. The 2 x 12 timbers, 6 inches on center in Plan No. 492,



This truss makes bins safe for any grain load that can be put on them

are reinforced at each bin partition by the load-bearing truss shown in the illustration. This truss, though requiring little material, is enormously strong, and by its use we add largely to the amount of grain that may be stored in a granary at only trifling increase in cost. Only No. 1 ready-cut dimension lumber of the strongest kind is used in all parts of the frame of this granary.

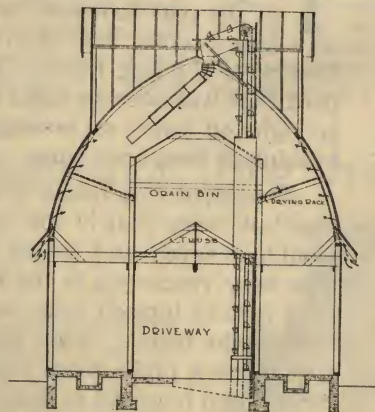
Advantages of Gothic Roof—The steep sloping roof gives depth and capacity both in crib and grain bin, without running the studs to a height such as to make the building top-heavy and of doubtful rigidity. The cribbed corn is better protected and ventilated than is possible with other style roofs. By sheathing the rafters inside to a height of the grain bins we gain capacity in the cribs at a trifling expense and do away with the lost space that until recently was thought unavoidable in granaries. We also secure better ventilation, for in this crib there is always a movement of air upward between the roof and the corn in the crib.

Corn Drying Racks—The ear of corn in the field, covered by its tight-fitting husk that excludes the air, dries very slowly, but husk that ear and throw it on our corn drying racks in the crib, and it will lose more moisture in a day than in a week in the husk. In this plan, a steady flow of air enters through the slotted bottom of drying racks, passing up through the corn and out through the cupola on the roof.

Probably no valuable invention was ever more simple or required less labor to operate than our drying racks. The timbers that brace the roof and grain bin walls are so arranged that they form a sloping bottom for the racks. To fill the rack simply close the sliding gate placed at the lowest point of the rack. To empty the racks open the gates. Ten minutes' time will do the business and dump all the corn on the racks into the cribs below.

Covered Grain Bins

There are four grain bins 10 feet high and the width of the driveway in all Masterpiece Granaries. These bins have tight covers to prevent mixing of grain and to protect the small grain from the litter of the corn when it is being elevated. The sloping bin covers are flattened in the center to form a walk for the operator, when handling the grain spout. There is a filling door in the top of each grain bin cover. The load-bearing truss shown in the cross-section view is placed in the bin partition and does not interfere with the free use of the grain bin. Each bin is provided with a short spout for filling wagons from the bins. The bins are built of tight-fitting dressed and matched lumber and extra lining is provided for the end bins to hold the grain away from contact with gable walls. One of the many excellent features of this plan is the nice clearance given by the Gothic roof about the grain bins.



This is a cross section of the Masterpiece Granary, showing the grain bin truss in position—the corn drying racks and the superior ventilation of the building. Any make of elevator can be used. We do not sell elevators.

Special attention is called to the fact that the cupola on Plan No. 492 is built wide to permit the elevator leg being placed in the cribs, leaving the driveway clear. All styles of elevators may be used with this plan, either pit or above grade dumps or elevators having a leg on opposite sides of the driveway.

Size of Granary, Cribs, Bins and Driveways

The granary is furnished in two widths and several lengths. The cribs in all sizes are 8 feet wide. In granary 29 feet, 6 inches wide, the depth of ear corn is 20 feet, and the driveway 13 feet, 6 inches wide. The height from driveway floor to joist is 11 feet. In the granary 27 feet, 6 inches wide the depth of ear corn is 20 feet and the driveway 11 feet, 6 inches wide. The overall height of the granary is 36 feet. The stud height is 12 feet. Each size has four grain bins 10 feet deep and the width of the driveway. There is 7 feet head room between grain bin covers and the ridge of the main building. Each Masterpiece Granary is equipped with four inside crib doors. Each door has a removable slatted inside grain door and scooping hopper.

Furnished in either "Gold Medal" or "Standard" Specifications



Guaranteed Prices-No Extras

Our Masterpiece Junior Granary

FURNISHED IN EITHER "GOLD MEDAL" OR "STANDARD" SPECIFICATIONS

See Page 4 for Prices on Nine Sizes of This Granary

THE modern Granary has become an indispensable adjunct to profitable farming and it is being provided by landlords on rented farms as well as on farms operated by owners.

The things of chief interest to granary builders are low cost per cubic foot of contents, durability, safety of storage, and ease of filling and unloading from cribs and bins. The *Masterpiece Junior Granary* possesses to an outstanding degree these essential merits. The Gothic roof, corn drying racks, special load-bearing trusses, covered grain bins, and special ventilation features are originated by the Gordon-Van Tine experts and are found in no other plans.

Granary Plan No. 493 is designed especially for the tenant farmers who require a building that can be filled from the outside by a portable elevator, with which most tenants are provided. The portable elevator is preferred by tenants for the reason that it is part of their job to furnish all farm machinery and naturally they prefer machinery that is portable and easily moved if the need should arise.

This Granary has all the merit and special features of Plan No. 492 which is fully described on another page. The principal difference in the two buildings is that of cupolas and height of bin bottoms from driveway floor. In the Tenants' Granary the driveway is used only for taking out grain and storing implements, therefore the head room in driveway is usually 9 feet, measured from the floor. In this plan the large cupola is dispensed with, and in its place is provided a modern galvanized steel cupola that produces suction and draws the air



Granary No. 493

Horizontal 1 x 6 Drop Siding used. Factory-built Gothic Rafters furnished at slight additional cost (see page 22). Prices on page 4

up through the drying racks in the cribs and draws out the dust when grain is being elevated.

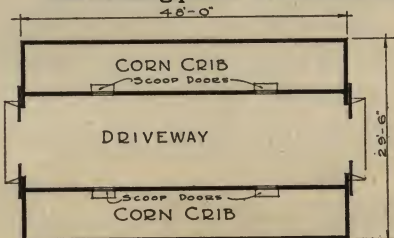
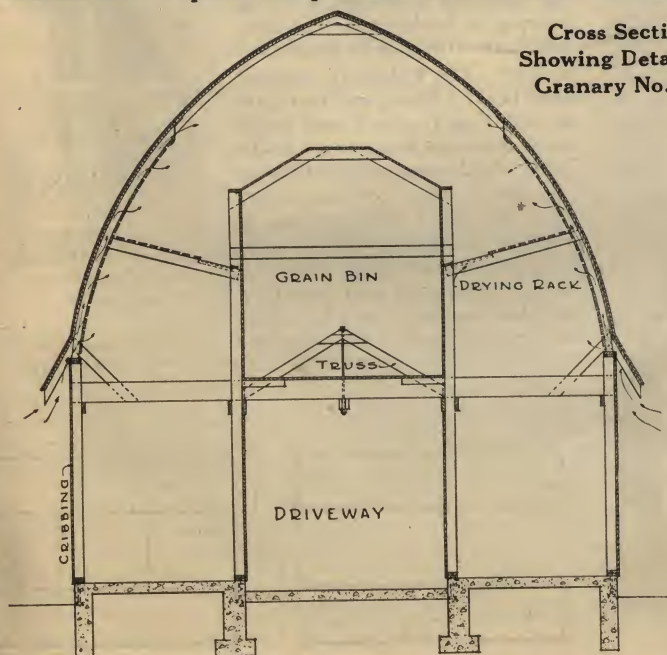
The *Masterpiece Junior* is a Granary any man may be proud to own. It embodies all the good points and eliminates the errors of older styles of construction. It provides the very best method of storing ear corn and small grain and at a lower cost per cubic foot of storage space than any building ever designed for a like purpose.

Size, Capacity and Price

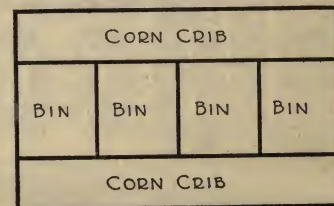
The Masterpiece Junior is furnished in two widths and many lengths as shown and priced in the price columns on page 4, where the capacities of cribs and bins are also given. The building is 31 or 28 feet high over all, depending on width. The driveways are 9 feet, 6 inches or 13 feet, 6 inches wide, and clearance over driveway door is 9 feet. The stud height is 10 feet. The grain bins have a depth of 10 feet and may be filled to capacity without overloading. Over the grain bin covers there is room for a man to walk upright when shifting the grain spout, and there are no studs up there to interfere with the spouting of grain to any part of the building.

The special features of this plan are fully described on the preceding page of this catalog. We furnish the building complete, with all lumber millwork, hardware, cupola, and paint in either "Gold Medal" or "Standard" specifications, for the catalog price. We do not furnish elevators or concrete work.

Cross Section
Showing Details of
Granary No. 493



Lower Floor Plan



Upper Floor Plan

This building furnished in either "Gold Medal" or "Standard" Specifications



Two Modern Corn Crib and Granaries

No. 471 has a Gable Roof. No. 454 has a Gambrel Roof

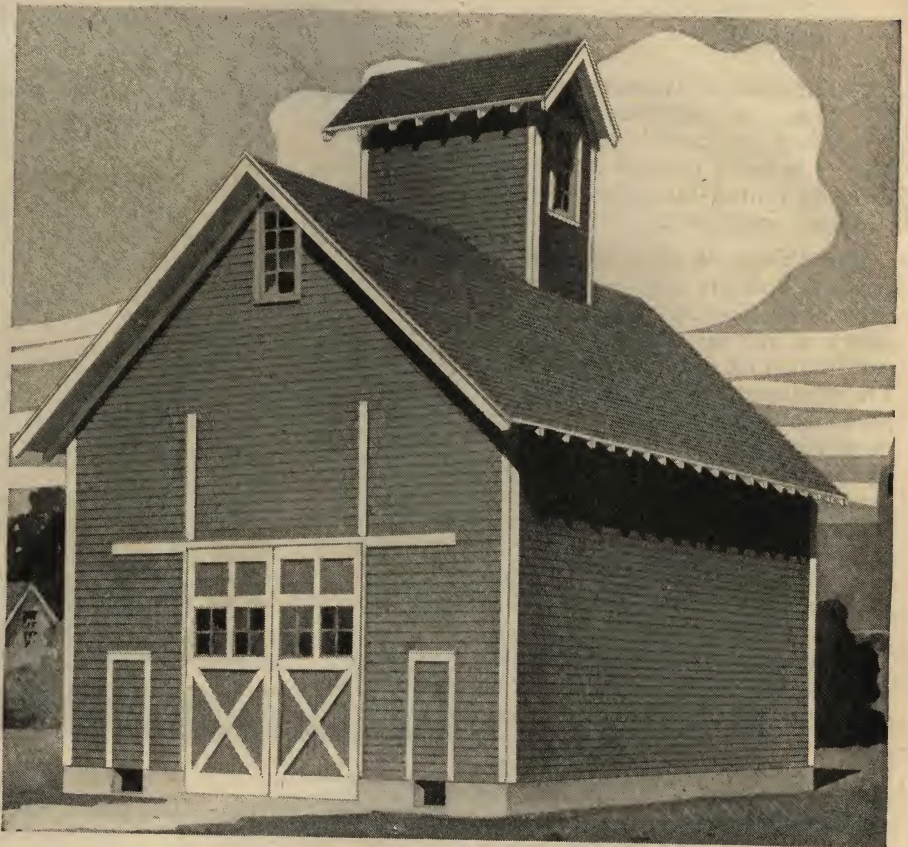
These buildings shipped in either "Gold Medal" or "Standard" Specifications
Nine sizes priced on page 3

THE modern corn crib is built high and short, rather than low and long. The foundation and roof of a building is a large part of the cost. By building up, rather than along the ground, the cost per cubic foot of capacity is considerably reduced.

The economy is in the height, for if you build low you must have foundation, roof, sills, plates, bracing, doors, etc., the same as in a higher building, so the increased height and capacity costs nothing, *for the length may be less.*

Description of Plan

These illustrations show exactly how these buildings will look when built according to the blue prints that we furnish all purchasers. The cribs are 8 x 16 feet, the driveway is either 10 or 12 feet wide, and 11 feet, 6 inches high to under side of joist. There is ample head room for dumping wagon with bat boards on. Crib and driveway floors are usually of concrete. The cupola is the width of the driveway, and is 8 feet high to its square above the roof. *We furnish better material and more of it than is commonly used in these buildings, for here is a building that must contain at times as much as 330 tons of grain, an enormous weight, and one requiring heavier construction than other farm buildings. We use a 2 x 6 stud 16 inches on center instead of 24, as commonly built, and we cross-brace our cribs at frequent intervals to make them rigid. The Joists are 2-2 x 12 spiked together, spaced 12 inches on center and bridged. The buildings*



No. 471 has a Gable Roof



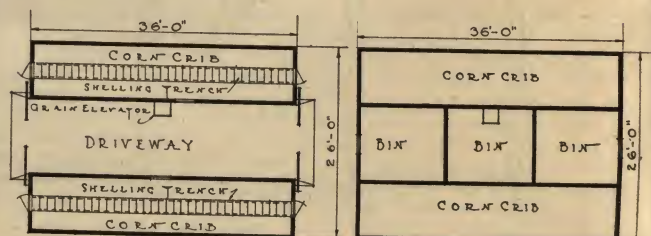
No. 454 has a Gambrel Roof

These buildings furnished in either "Gold Medal" or "Standard" specifications

are bolted to foundation and are extra strong throughout. There are three bins for shelled corn or small grain over the driveway, for which we furnish No. 1 tongued and grooved flooring. These bins are boarded up 11 feet high and have an extra lining at the gable ends. The elevator buckets go up through an opening in one of the bins. Large windows in cupola and gables light the upper story. The No. 1, 6-inch flooring is furnished for the bins, which are *studded 12 inches on center. The Cribs* are enclosed with bevel cribbing and doors are provided on the ends and inside along driveway for getting into the cribs. Planks are furnished to cover the sheller "drag" opening under the cribs. They drop crosswise of the trench into a shoulder in the concrete and are flush with the floor. We furnish all material of excellent quality to complete these buildings at prices shown on page 3. *Both of these buildings furnished in either "Gold Medal" or "Standard" specifications.*



Sectional view showing interior and elevator



The Lowest Finished-Cost Grain Storages Money Can Buy

Grain Bin No. 499A Specifications

All Lumber Ready-Cut

Framing—Studs, Rafters, and Sills 2 x 4,
Joists 2 x 6 No. 1 Yellow Pine.
Rafters spaced 24 inches on center.
Sills to rest on 6-in. Masonry walls or
piers, 4 feet on center.

Siding—No. 1 Yellow Pine drop siding.
Grain proof.

Floor—No. 1 Yellow Pine, dressed and
matched. Grain proof.

Roof Sheathing—No. 2 Yellow Pine
boards.

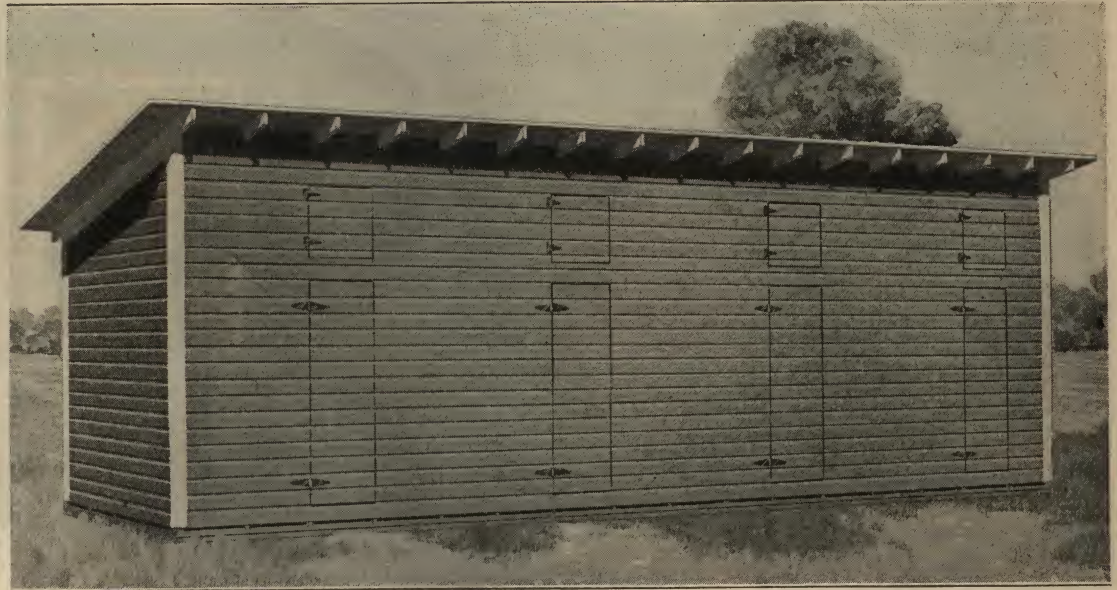
Roofing—2-ply flint coated asphalt, with
necessary nails and cement.

Partitions—(every 8 feet): 1 x 6 No. 2
dressed and matched.
Building divided into bins 8 feet x 8
feet with capacity of 408 bushels per
bin. Each bin has a 2-ft. x 2-ft. filling
door, and a 2-ft. x 6-ft. scoop door.
All doors ready-cut and furnished
with hinges and fastener. Grain is
held back behind scoop door by re-
movable boards held between cleats.

Dimensions—Clear Inside Height at
front is 9 feet, 6 inches.
Clear Inside Height at rear is 7 feet,
6 inches.

Weight—8 x 16-foot building 4880 lbs.
Each additional 8-foot section 1640
lbs.

Paint—One coat red barn paint included.



No. 499 A—Bin for Small Grain. See page 4 for prices

The Corn Crib and Grain Bin shown on this page can without doubt be bought and erected for less money than any other similar building you could possibly buy.

This is true because every stick of lumber is cut to proper length, beveled and fitted by machines in our factory. Moreover, we furnish such items as nails, hardware, and paint, which we can include at a very low cost on account of our large purchases of this material.

The construction is so simple, our blue prints so clear, every piece so plainly marked, that you can erect either of these buildings yourself. No need to pay high-priced carpenters to put up these storages.

While these buildings do not fill the same need as the big permanent granaries shown in this book, they

are strong, substantial storages, easily and quickly erected and will last many years.

Both these buildings come in sections 8 feet long by 8 feet in width. The smallest size complete building is 8 x 16 feet or two sections. Any number of sections may be combined to give the capacity you desire. If you want to combine the corn crib and grain bin under one roof you can add any number of 8-foot bin sections to a corn crib of any length. Figure the price of crib you want according to price table on page 4 and add grain bins at the price per section given on the same page. You can thus get a combination building somewhat cheaper than two separate buildings with same storage space.

Granary 499A has a capacity of 408 bushels per 8-foot section. Corn Crib 499B has a capacity of 204 bushels per 8-foot section.

Corn Crib No. 499B Specifications

All Lumber Ready-Cut

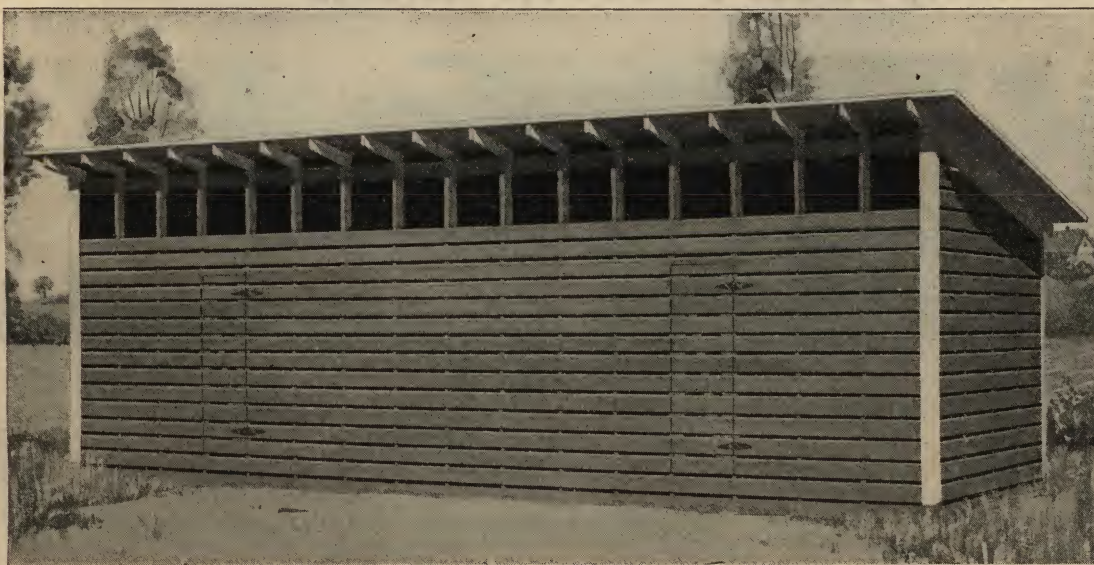
Specifications same as grain bin 499A above, except:

Walls covered with 1-in. x 6-in. No. 1 Yellow Pine bevel cribbing.
The building is not divided into bins. There is but one room regardless of length. Two 2-ft. x 6-ft. scoop doors with hardware are furnished for this building regardless of length. Removable boards behind scoop doors, same as 499A.

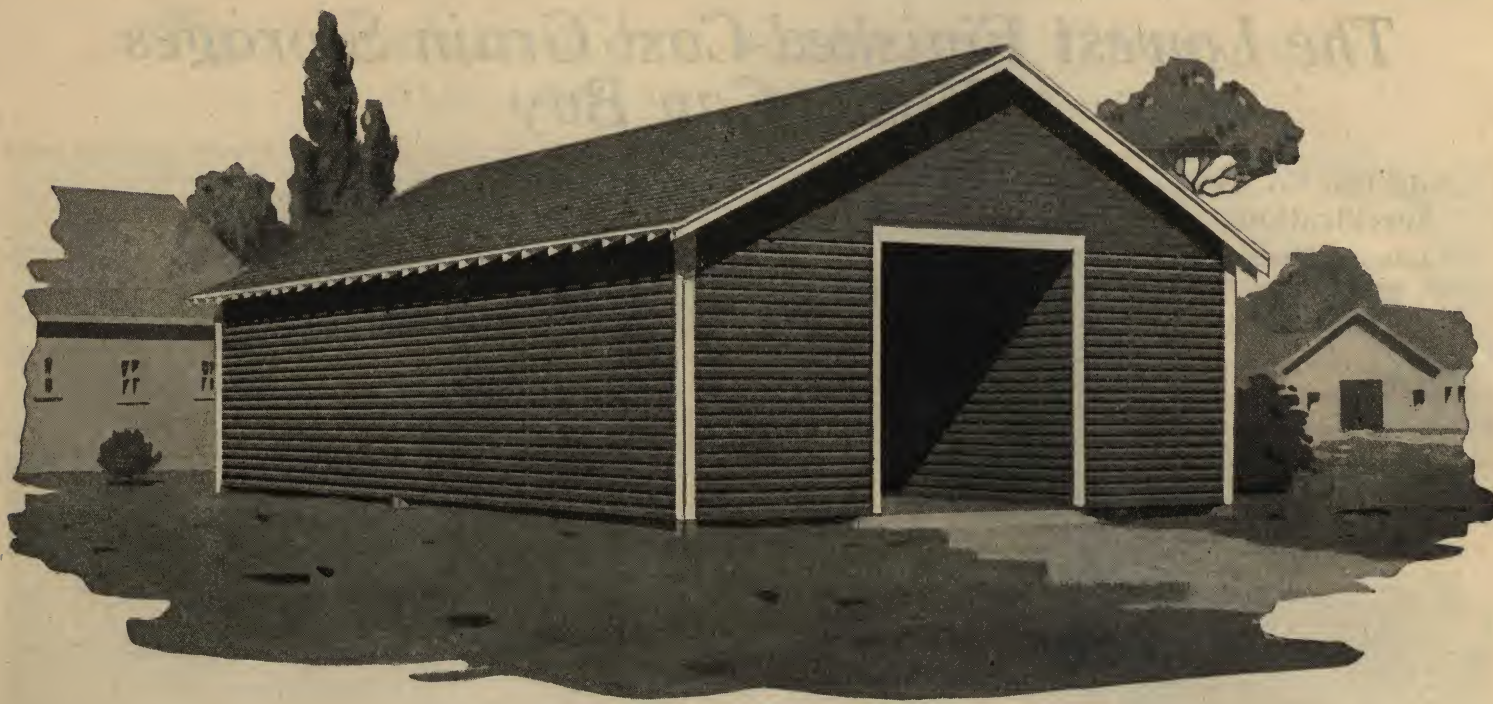
Dimensions—Clear Inside Height at front is 9 feet, 6 inches.
Clear Inside Height at rear is 7 feet, 6 inches.

Weight—8 x 16-foot building, 3400 lbs. Each additional 8-foot section, 1250 lbs.

Paint—One coat red barn paint included.



Corn Crib No. 499 B—For prices see page 4



Corn Crib No. 461

"Standard" Specifications for Materials, on page 16. See page 3 for prices on this Corn Crib

A Popular Corn Crib at a Bargain Price

SEVERAL hundred of these inexpensive buildings have been ordered from this page. The popularity of this design is due to the fact that it is a most practical and conveniently arranged crib.

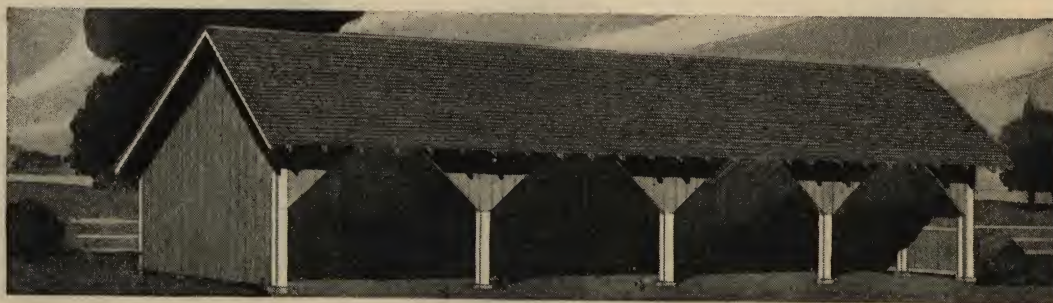
The building has two 8-foot cribs and a 10-foot driveway. Height to square above foundation is 10-feet. Quarter pitch roof. The building is designed to be bolted to a 6-inch concrete wall, but the sills are solid 6 x 6's, so it may be placed on piers 8 feet apart, as shown in the illustration, which is an exact reproduction of the crib. The *crib floor* is No. 1, 6-inch floor-

ing, laid on 2 x 8 joists, 12 inches on center. *Studs* are 2 x 6, 24 inches on center. *Rafters* 2 x 4, 24 inches on center. The building is well braced by 2 x 6 ties, 6 feet on center, across the building from plate to plate. The crib walls along driveway are covered 10 feet high with bevel cribbing, and extra material is furnished for two Gordon crib removable slat doors for each inside wall. We furnish all lumber and nails of proper size, guaranteed fifteen-year, slate-surfaced Roll Roofing, and paint for two coats, for prices given in price columns. There are no extras to buy to complete the building when buying of Gordon-Van Tine Company.

An Inexpensive Stock Shed

SHEDS of the type shown are an essential part of the equipment on all well-improved stock farms. Placed on the north and west of barnyards and feed lots they break the wind and furnish a dry bed and just the degree of shelter best for feeding, and other loose stock. A spreader can be driven through the shed when necessary, to clean it out.

This shed is 20 feet wide and is furnished in any length that is a multiple of 12 feet. The 6 x 6 posts on the open side of the shed are 12 feet on centers and 7 feet high above grade. They are imbedded in a concrete footing. This shed has a sturdy frame. It is roofed with guaranteed 15-year slate-surfaced Roll Roofing. The shed is enclosed with No. 1 Yellow Pine barn boards and battens. The braces are 2 x 6, 6 feet on center, from plate to plate. There is additional roof bracing. The low side of the shed is 6 feet high inside. 4 x 4 posts, 6 feet on center, footed on cement and secured by dowel pins, are used



Stock Shed No. 486

"Standard" Specifications (see page 16). Sided with vertical 1 x 12 Boards. 5 sizes priced on page 4

for the enclosed sides of the shed. To these the girts are spiked and barn boards put on vertically. These sheds are furnished complete, with lumber, nails and paint, at prices given. *Have one shipped with your barn.*

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced, fire-resisting roofing on "Standard" Buildings



Poultry House No. 479

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 Drop Siding
5 sizes priced on page 3

Gordon Monitor Poultry House

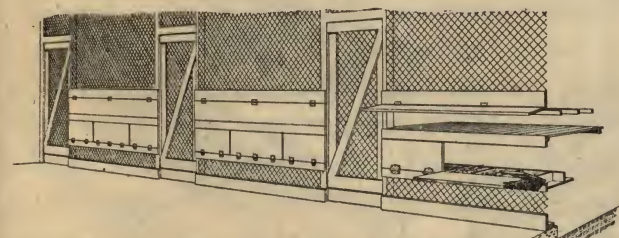
Build This One and Get More Eggs

THIS plan has proved a prime favorite with those who are raising poultry in average numbers.

It is of attractive appearance, and is arranged so that the feeding and cleaning can be done with the least labor and without disturbing the fowls. The large windows placed low in the wall admit an abundance of sunshine directly on the floor, where it does the most good. The upper row of windows light the feeding passage back of the nests.

By placing the roosts and dropping board above the nests, along the passageway, the nesting place is darkened and the floor space can all be used for a scratching floor for the flock. The doors in each end of the building open into a passageway 2 feet, 6 inches wide that runs the length of the building back of the nests and roosts, and which is separated from the pens by a light frame of wood and poultry netting. When the house is built 20 feet long, there is one partition consisting of light frame and poultry netting. When the house is 30 feet long, there are two such partitions; 40-foot house, three partitions; and 50-foot, four.

The house is designed to rest on a light wall of concrete, 6 inches above grade, to which it is secured by anchor bolts. The house is 6 feet above grade to eaves in front, 5 feet in rear. Extreme height, 12 feet. The floor is of concrete, but we will furnish a wood floor when requested.



This view of the rear of the nests shows how easy it is to gather the eggs, and clean the dropping boards.

How It Is Built

This plan has a substantial frame of 2 x 4 studs, and rafters 24 inches on center. The wall covering is 1 x 6 inch tight-fitting drop siding. There are two outside ready-built doors. Each 10-foot section of the house

has three 12-light windows. The windows are hinged at the top and can be swung in and hooked open and muslin-covered frames placed in the opening and the window left open except during storms.

Nests and Roosts are shown in the cross section drawing. They are priced separately. The eggs are gathered and drop boards cleaned from the passageway back of the nests. Each back nest board is spring-hinged at bottom edge. Our plans show just how they are built. Poultry netting is used on partitions between pens. We furnish the lumber for partitions, but not the netting or muslin.

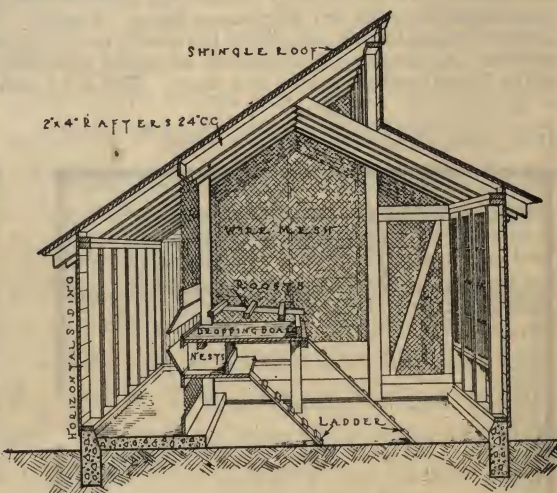


Illustration showing framing and interior arrangement. The door shown above the partition is extra. A door is regularly placed at the end of the passage shown at the left, however. Nests and roosts, as shown, are furnished at additional cost.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced roofing for all "Standard" Buildings



The "Good Luck" Poultry House

IN the proper construction of your poultry house lies, to a large degree, your success or luck with poultry. Practical poultrymen realize the immense influence the poultry house has on the health and production of the flock.

A poultry house that is right must be dry, well lighted, free from drafts, but well ventilated. It must be easy to disinfect and keep sanitary; and it may, as well as not, be convenient and of a pleasing appearance. Such is our Plan No. 489.

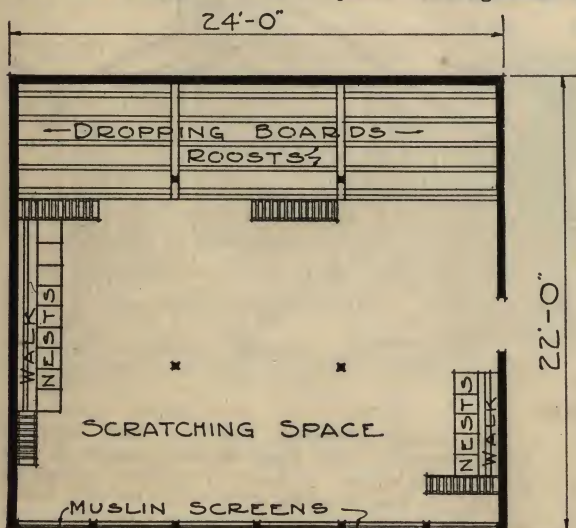
Most poultry men are agreed that the vigor and vitality of the flock depend largely on the ventilation of the poultry house. They are also as well agreed that the one sure way of removing the respired air, foul gases and odors that are responsible for most poultry diseases, is by the open front. By open front is meant a section of front wall left open, being screened only by poultry netting and muslin, through which ample air can filter, but which does not produce a draft. Roup, colds, catarrh, diphtheria, diseases that are caused by a draft, will not be found in the flocks that are housed in our Plan No. 489. A bird roosting on a breezy tree limb will generally keep healthy; put the same bird in a drafty chicken house and she will sicken. It is the drafts and moisture rather than low temperature that does the damage. All drafts are carefully guarded against in our Good Luck House, Plan No. 489.

Sunshine Versus Red Pepper

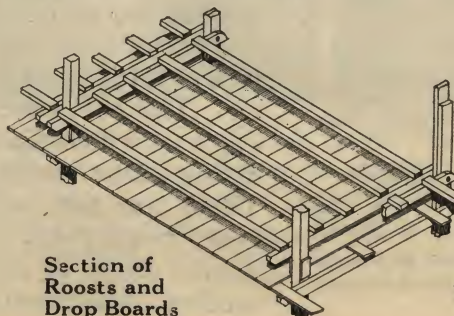
Sunlight is a better egg-producer and germ-destroyer than red pepper so we provide amply for sunlight in this plan. Sunshine will start the hens singing, working, and laying, as nothing else will, and at the same time keep the interior of the house dry. The upper continuous row of windows in Plan No. 489, permits the sun's rays to shine full on the roosts and floor of the house and render it dry and sunny.

Size and Description

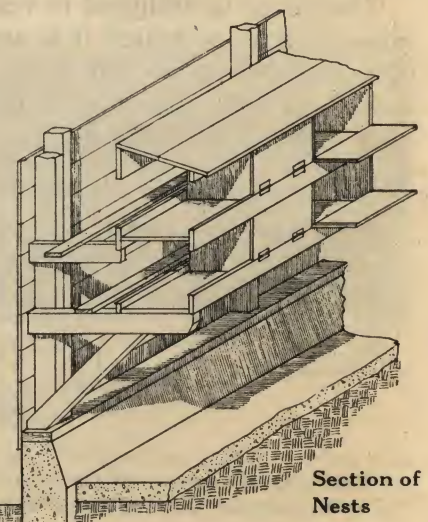
The illustration is an exact reproduction of Plan No. 489, built 24 feet long and 22 feet deep. It is just the right size for the average farm flock, and will accommodate up to 200 hens. Two or more of the houses can be joined end to end when required to house larger flocks. The building is substantially framed of No. 1 lumber; the sills are bolted to light concrete foundation wall that is 1 foot above grade. The floor is usually made of gravel or pounded clay and should be raised 6 inches higher than the ground outside. A narrow wall of concrete 12 inches high divides the floor space of the house lengthwise into two parts. This light wall retains the straw



used in the scratching shed or lower part of the house and is the foundation for the row of posts that support the building at the break in the



Section of Roosts and Drop Boards



Section of Nests



Gordon-Van Tine "Good Luck" Poultry House No. 489

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 Drop Siding. Priced in 2 sizes on page 4

roof. The lower part of the house is 8 x 24 feet, the higher part is 14 x 24 feet. The side wall height at front is 6 ft. and at rear is 5 ft. 6 in.

Nests and Roosts

The nests and roosts are a pleasing feature of this plan. There are 28 nests, each 1 foot square, arranged as shown below. Two rows of nests are placed one above another and the top row covered by a sloping board on which the birds cannot roost. Each nest is darkened by a spring hinged board that closes the nest on the front side. The hens enter the nests from a board that runs back of the row of nests. To gather the eggs it is only necessary to pull down on the top of the nest board. The spring hinge closes the door when it is released. The 28 nests are in two sections, placed as indicated on the floor plan. The nests are raised off the floor.

The roosts are placed over a drop board and are built in three sections of 7 feet, 6 inches each. There are five roosts on each section, which is loosely bolted to the outside studs and can be raised and hooked up out of the way when the drop board is cleaned. The drop board is a tight platform of dressed and matched flooring, 6 feet wide and running the length of the house. It is raised 3 feet off the floor, which is all available for exercise space for the flock. The women who usually care for the farm flock will find the labor of caring for poultry in this house is lightened by the convenient arrangement of the building. We furnish the building ready framed and complete for the price given on page 4. We do not furnish the woven wire or muslin for windows.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced roofing on "Standard" Buildings

Guaranteed Prices-No Extras

Gordon-Van Tine Journey's End Poultry House



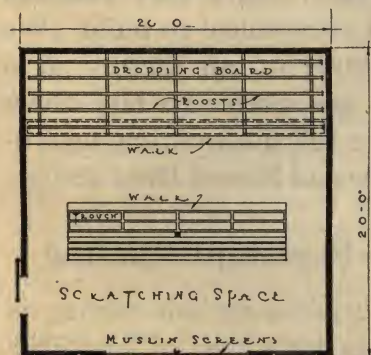
Journey's End Poultry House No. 477

"Standard" Specifications (see page 16). Sided with 1 x 6 beaded Siding
5 sizes priced on page 3

POULTRY and egg production reaches its greatest perfection in the Eastern States, and it is to those states we look for the latest and best in poultry house plans. We visited a number of large, practical poultry plants in the states around New York City before adopting the above plan as the one containing the most good features for a laying house of this type. The good results obtained with this house by New Jersey poultry men inclined us toward its adoption, especially as it is a type of building in common use by poultry men over a large part of the poultry-growing sections of the East.

The house is commonly built 100 feet long and gives ample room for 1,000 birds. At Journey's End, New Jersey, two of these houses 100 feet long, connected by a feed house 20 x 30, comprise a unit.

This house, when built on a well-drained location, is dry, well lighted, cool in summer and warm in winter. It gives the most room and convenience for the least expenditure of material and labor in caring for the flock. The



Plan of a 20-foot section

illustration makes plain the interior arrangement. The roost can be raised for cleaning out; nests are off the floor and darkened. The watering device and mash hopper is off the floor at either side of the post supporting the roof. By this arrangement the birds do not foul the drinking water or feed trough, and the floor space is all available for the birds.

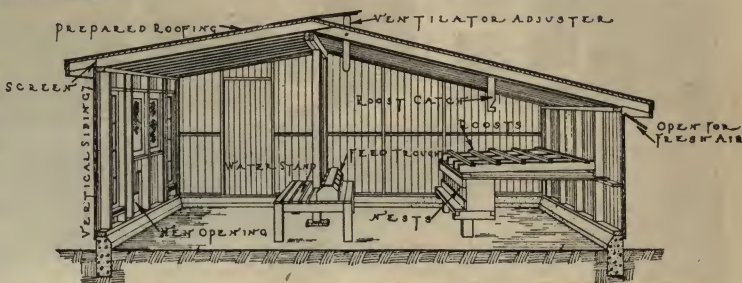


Illustration showing construction of house and interior equipment

The manner of ventilating the building is indicated in the illustration. This feature is especially good in hot weather.

Description of the House

The illustration is an exact reproduction of this building. It is bolted to a light concrete wall, is 20 feet wide and is furnished in units of 20 feet in length. The height in front is 6 feet, 6 inches; in rear 5 feet. The ridge is 9 feet above floor. The frame, post, girts and rafters are 2 x 4. Siding is a tongued and grooved V-joint, tight-fitting siding, put on vertically. *Doors*—two ready-built outside doors are furnished for a building of any length. *Windows*—two 12-light stationary frame sash for each 20 feet of building. Between these windows is an opening 2 feet, 6 inches by 9 feet, to be covered by muslin. *Ventilation* is provided for by a simple, efficient arrangement of a hinged section of the cornice. *Nests, Roosts, Dropping Boards and Stand*, for water and feed troughs, are shown in the interior sectional drawing and priced separately. *Floor* is usually gravel or clay; tight board floors are extra. *Litter and Feed Carriers* can be used to good advantage when the house is long; these carriers are shown on another page.

We furnish strong, manufactured doors, window frames, finest barn paint and slate-surfaced roofing on "Standard" Buildings



Implement Shed No. 498

"Standard" Specifications (see page 16). Sided with horizontal 1 x 6 Drop Siding. 10 sizes priced on page 4

Round Roof Implement Shed and Garage

THE Round Roof Implement Shed is a practical and highly satisfactory storage shed which is designed to eliminate one small building on the farm. Car storage space is combined with space for the storage of implements which is a very economical arrangement.

For the farm which boasts of a Gothic Roof Barn or a Round Roof Hog House this building is especially desirable. It carries out the uniformity of design which adds a great deal to the appearance of the farmstead.

Fine Factory-Built Doors Furnished

The Gordon-Van Tine factory-built doors at the end are of unusual height to provide easy access for a hay loader or threshing machine. The two sliding doors in the side make it easy to get at the more frequently used implement, automobile or truck. Heavy track and easy rolling carriers are furnished for these doors.

The round roof possesses many advantages over other roof types. It is roomy, has a very pleasing appearance and is the most economical to build. We will furnish rafters ready-built in our factory at a small additional charge if you prefer to buy them that way. Read page 22 for full information regarding the manufactured Gothic and Round Roof Rafter.

Slate-Surfaced, Fire-Resistant Roofing

Our best grade of slate-surfaced asphalt roofing is furnished for the roof. This has a base of long fiber felt combined with pure asphalt into which is imbedded a thick coating of crushed slate. This gives a tough, fire-resistant roof which will last for years. This roofing comes in the natural slate color of dark red or sea green and really adds to the appearance of the building.

This building comes in two widths, 18 feet and 20 feet and in 30-foot, 42-foot, 54-foot, 66-foot, and 78-foot lengths. Ten sizes are priced on page 4.

Guaranteed Prices-No Extras

A \$500 Gordon Implement Shed Will Double the Life of \$2,000 Worth of Implements

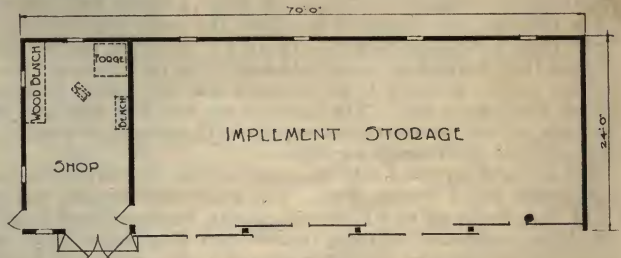


Implement Shed No. 473

"Standard" Specifications (see page 16). Sided with 1 x 6 vertical beaded Siding. 8 sizes priced on page 3

A CAREFUL and disinterested inquiry into the use and abuse of farm implements reveals that they rust out before they wear out. They break and are discarded because of abuse rather than use. A very few dollars worth of boards will cover and enclose a \$600 hay bailer or a loader and increase its life two-fold. Our plan No. 473 will pay for itself twice over during its life. To build such a house is to make a profitable investment rather than to incur an expense. A building that protects and doubles the life of \$2,000 worth of machinery earns \$500 in about ten years.

Plan No. 473 is built as shown above. The door openings have an overhead clearance of 10 feet and are 14 feet wide. Double doors close the openings. The four large sets of double doors are arranged as shown on floor plan and slide on weather-proof barn door hangers. The rear side is 8 feet high. The roof



one-third and one-quarter pitch. The frame is a strong one—post and girt construction, the dressed and matched Fir boards put on vertically. A 14-foot section is partitioned off for use as a work shop and for storing hand tools. It is lighted and furnished with doors as shown in the floor plan. The shop floor is of concrete, which we do not furnish.

Shed for Tractors, etc.

See Page 3 for Prices on Seven Sizes of Machine Shed

THIS building was designed to furnish shelter for gas tractors, gang plows, and other forms of machinery that are too large or heavy to back in and out of a shed of the usual type. Heavy machinery or loaded wagons can be driven in one end door and out of the doors at the opposite end. There are no posts in the floor space to interfere in putting in or getting out implements. The roof is supported by a scissor truss, such as is used on Government buildings of this kind and which leaves the floor space entirely without obstruction.

We have furnished many buildings of this kind, in which part of the building was used for storing grain. The building can readily be used in a variety of ways and we will be glad to figure out the extra material necessary and quote on it so that it may be shipped with the shed complete.

Description of Plan No. 472

The illustration is a careful reproduction of the building, which rests on a light concrete wall, to which it is secured by anchor bolts. The construction is plank frame, timbers built up. Sills and Plates 4 x 6. Side Walls are post and girt construction. Posts 4 x 6. Girts 2 x 6.

We furnish strong, manufactured doors, window frames, best barn paint and slate-surfaced roofing for all "Standard" Buildings

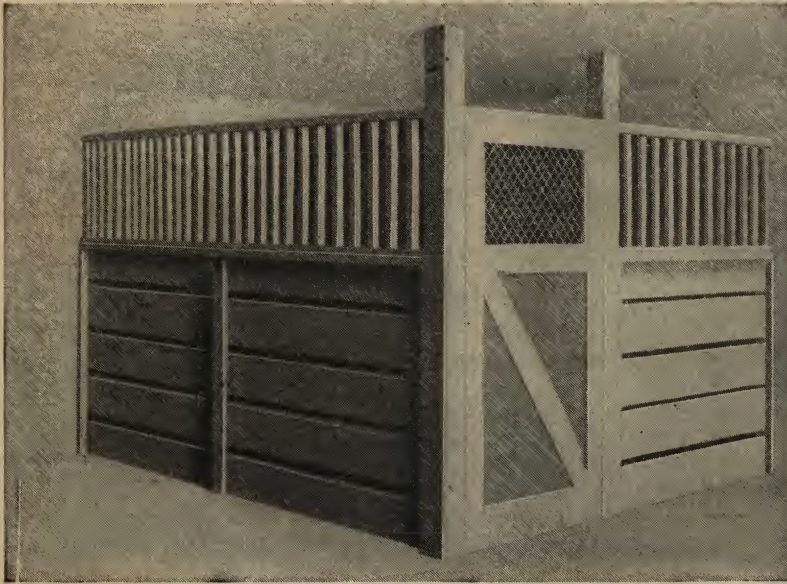


Tractor Shed No. 472

Read "Standard" Specifications for Materials for this Building on page 16.



Gordon Wooden Barn Equipment



Gordon Box Stall No. 8A1423

Gordon Horse Stalls

GORDON Single Horse Stalls are 4 feet, 6 inches wide and 9 feet long and are designed to stand the wear and hard knocks they are bound to get. There are no posts for the horses to catch their harness on while rubbing. The partitions are let into the rear posts—no nails there to work out and catch clothing or cut off the horse's tail. The mangers are two feet wide and three feet high and the partitions extend above them so as to prevent the horses getting their heads together.

All material entering into the construction of this stall is of the best quality No. 1 Yellow Pine. The partitions between stalls are 5 feet high, built up of 2 x 10-inch planks, blocked apart so as not to retard ventilation. Heavy braces run diagonally both ways. The mangers and feed boxes are provided with removable floors to facilitate cleaning.

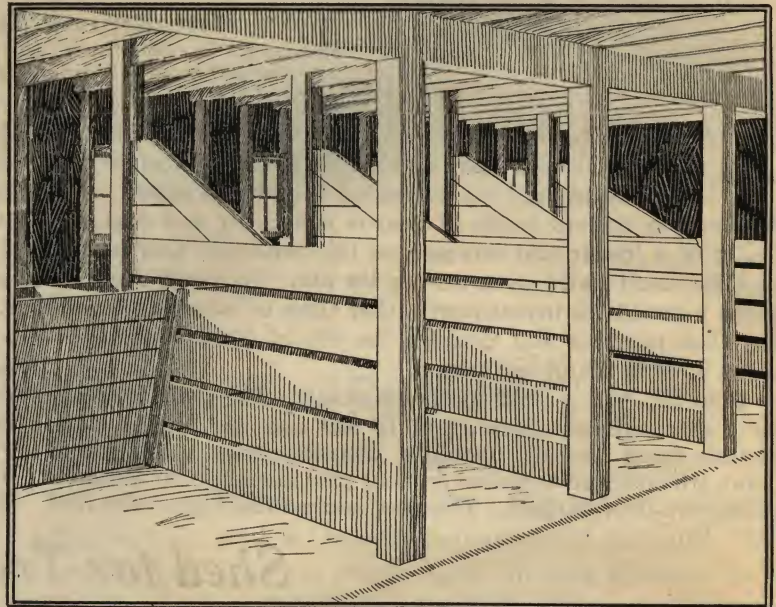
These stalls do not include floors, as many times Kreolite wood blocks are wanted. We can, however, furnish wood floors if desired. Double stalls are 8 feet wide.

Gordon Feed Racks—For Feeder Barns

We furnish this Hay Rack and Feed Trough in No. 1 Yellow Pine, with trough 4 feet wide of 6-inch dressed and matched boards, and 1 x 4-inch rack slats spaced 5 inches apart. The rack is 5 feet high above bottom of the feed trough, which is divided in center the long way of the trough.

These racks are very handy fixtures and save much feed. Built strong and firm to give long service.

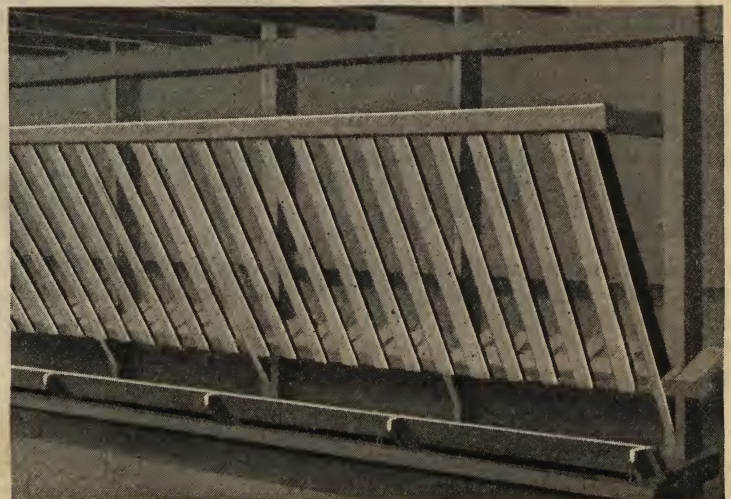
Prices do not include the large upright timbers shown in drawing.



Gordon Horse Stalls. Single No. 8A1411, Double No. 8A1413

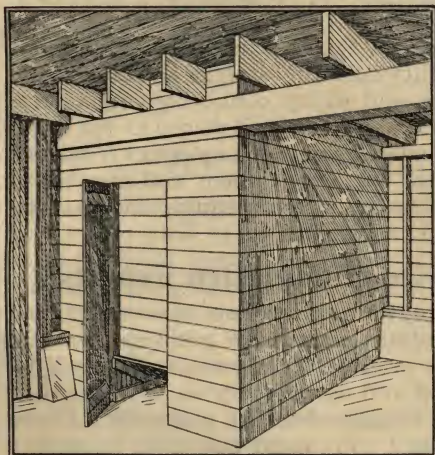


Gordon Double Feed Rack No. 8A1426. Troughs on both sides. To build in center of barn.



Gordon Single Feed Rack No. 8A1425. One trough. To build against wall.

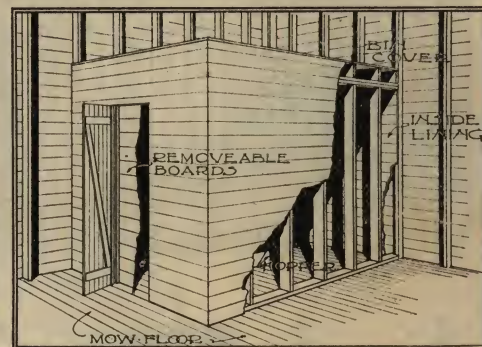
Gordon Wooden Barn Equipment



Grain Bin No. 8A1405

Gordon Hopper Floor Grain Bin

NO. 8A1405 Gordon Grain Bin is designed to support the lateral pressure of small grain and to be easy of access. A 2 x 6 sill is secured to cement floor by anchor bolts. Studs 2 x 6 are placed on the sill 24 inches on center. Over the studs are 2 x 6 plates. Eight-inch No. 1 1 x 6 D and M is used for enclosing the bins. At the door the grain is held back by 1 x 8 removable boards set at an angle and held between cleats at their ends. There is a hinged battened door furnished with hasp for fastening. When the barn wall forms one or more sides of the bin it is best to add the tight shiplap lining on the inside of the barn walls.



Grain Bin No. 8A1403

barn studs. The bins are covered with a tight floor. When the bins are large or used for shelled corn or wheat, the floor under them should be strengthened.

No. 8A1403 grain bins are placed on the loft floor and the grain is spouted to the stable below. They are built with hopper bottom; in other ways are similar in construction to Grain Bin No. 8A1405. The height of the bin is usually that of the top of the

Loose Stock Pen

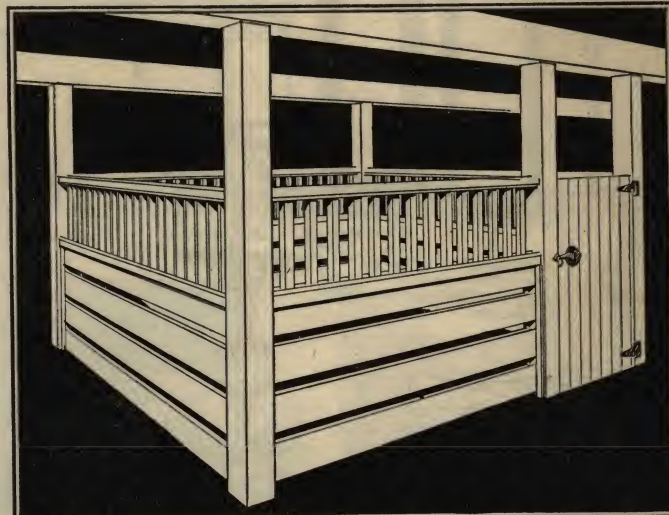
Gordon Stock Pens have been designed along the same sturdy lines as the Famous Gordon Horse Box Stall shown on opposite page.

Only A-1 material is used in their construction; the main panel is built up of fine 2 x 8 planks which are securely anchored to the 6 x 6-inch solid corner and gate posts and are spaced 2 inches apart to permit of good ventilation through the pen. This plank wall extends 3 feet, 2 inches above the floor, and is topped off by a 22-inch high grill, the uprights of which are 2 inches square spaced 6-inches from center to center. A 2 x 4 tied on securely to the main posts forms the top rail of the grill and panel.

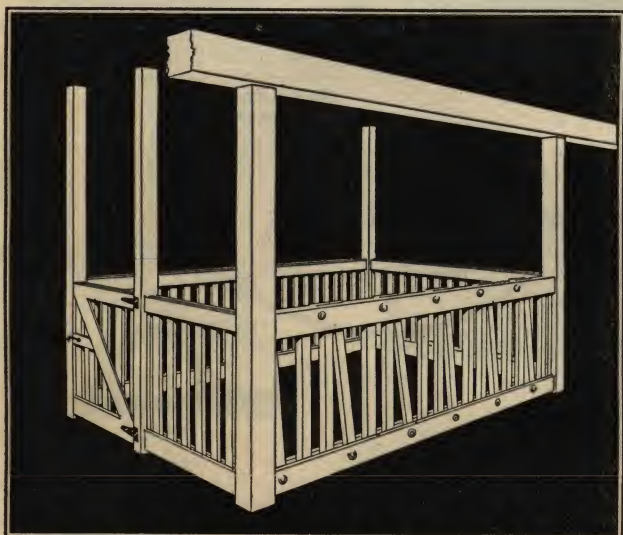
The gate is built up solid of 1 x 6 D & M material well battened and braced. It extends the full height of the panel and grill, namely 5 feet, and is 3 feet, 6-inches wide. Heavy hardware the same as used on the Gordon Box Stall door is furnished.

No stable is complete without a pen for emergency purposes—no pen so adaptable as the Gordon Stock Pen No. 8A1415.

All pen materials are furnished uncut so that they can be supplied in any size and to suit every requirement.



Loose Stock Pen No. 8A1415

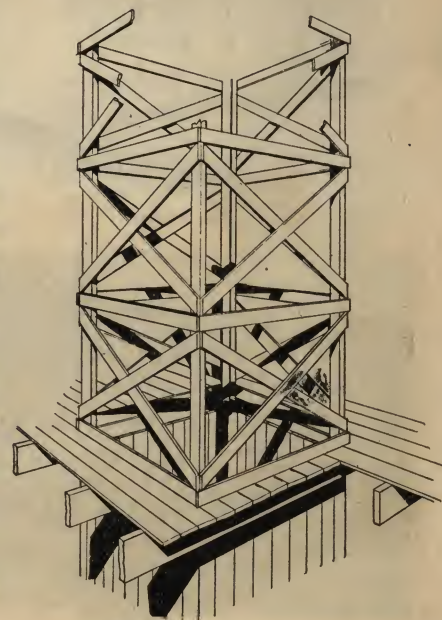


Calf Pen 8A1401

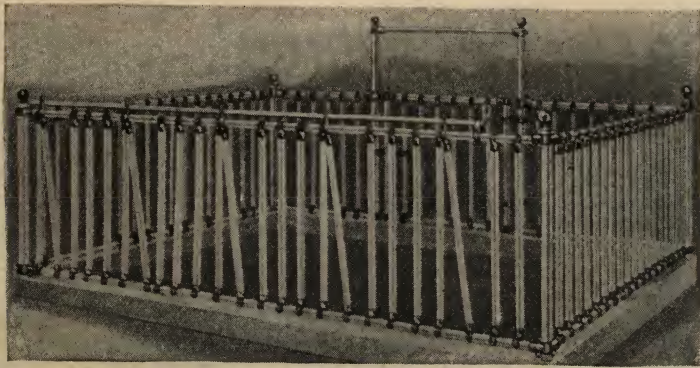
Pens are formed of 2 x 3-inch upright posts, spaced 3 1/2 inches and bolted between two 1 x 6 planks at top and bottom. The calf stanchions are simple 2 x 3 wood bars. These pens are 3 feet 6-inches high. The panel is set 6 inches above the floor.

Gordon Hay Chute

The Gordon Hay Chute is commonly built 4 feet square. Its position in the barn is determined by convenience and the position of other equipment. It is furnished as shown for dairy barns which require a dust-tight lower section. In other barns usually only the part above loft floor is used. The chutes are as high as top of the hay in the loft; as the hay is fed down it is put into the chute through the openings in the skeleton chute frame. We furnish the chute of proper height when requested—they are inexpensive and not included in catalog price.



Hay Chute Above Floor 8A1419
Hay Chute Below Floor 8A1429



Calf Pen

Figure 3A3061

Gordon Steel

THESE two pages illustrate our complete line of Gordon Steel Barn Equipment sold to a large percentage of all purchasers of Gordon-Van Tine Barns. This equipment is of the very highest quality and the designs shown include every labor-saving feature and every comfort-giving device known to the modern barn builder. It is all priced at our usual low figures. Regardless of what barn you may select from this book, always remember that the arrangement and number of stalls, bins, stairways and other interior equipment may be had to suit your individual requirements.

Use the Free Service of Our Barn Experts

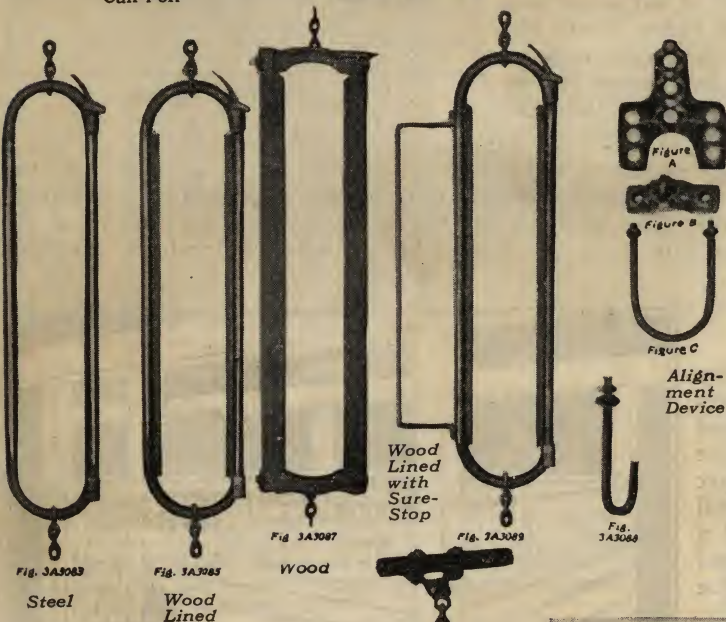
Barn experts in our office, with many years of actual experience in the solution of the barn equipment problem, are here to help you work out the interior arrangement that will be most healthful, economical and satisfactory in the barn you build. These men are thoroughly familiar with every phase of modern barn planning and equipment and their judgment and recommendations may be accepted with absolute confidence. Read page 5 of this book for directions as to just what to do to get the information you need.

Send for Our Barn Equipment Circular

These pages give only a general idea of the equipment we sell. Our Barn Equipment Circular contains large illustrations, and gives full dimensions, descriptions and specifications of each piece of equipment. You should have it when planning your stable. It will be sent on request.

Gordon Steel Cow and Calf Pens

Tubing, posts and rails in Gordon Steel Cow and Calf Pens are 1 5/8 O.D. Standard Steel Tubing—light and strong. Panel construction used on all Gordon Pens makes them easy to



Steel

Wood Lined

Fig. 3A3087

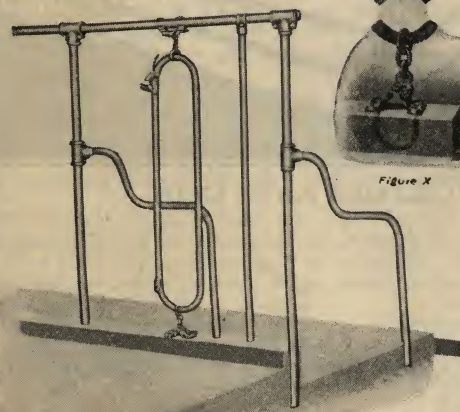
Wood

Wood Lined with Sure-Stop

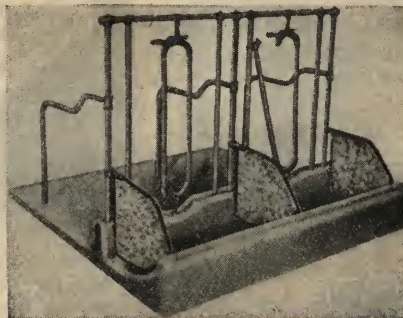
Fig. 3A3089

Alignment Device

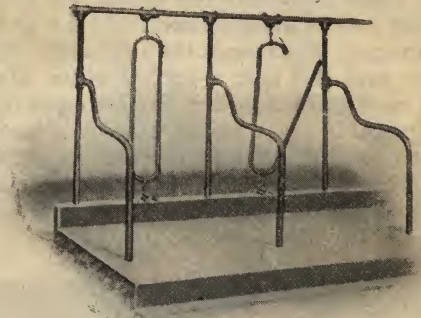
Fig. 3A3086



No. 3A3068



Triple Post Stall with Manger Division
No. 3A3071



Single Post Stall
No. 3A3070

Gordon Rod Track Fixtures

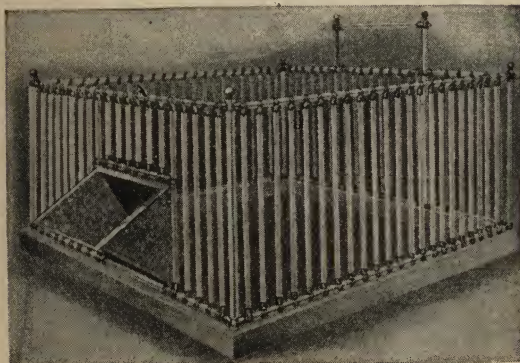
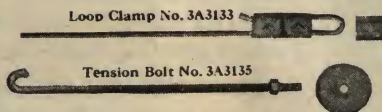


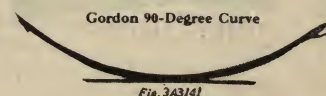
Figure 3A3079

Cow Pen with Tilting Manger



Loop Clamp No. 3A3133

Tension Bolt No. 3A3135



Gordon 90-Degree Curve

Fig. 3A3141

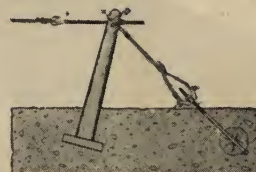


45-Degree Curve

Fig. 3A4143



Fig. 3A3145



Gordon Track Anchor



Fig. 3A3197

Barn Equipment

erect. The corner clamps on the upright posts are all fitted with lugs which are inserted into corresponding holes in the tubular frame work binding the frame members firmly together. This construction is much superior to ordinary clamping devices used by many other manufacturers.

Gordon Stall Equipment

Gordon Sanitary Steel Stalls are made of the very best quality 1½-inch steel tubing. They are perfectly proportioned to give maximum amount of comfort to the cow. Gordon Tubular Steel Stanchions are strong and durable yet allow the cow all the freedom of movement necessary. Stanchion Alignments, Manger and Gutter Drains of approved design are also a part of our line.

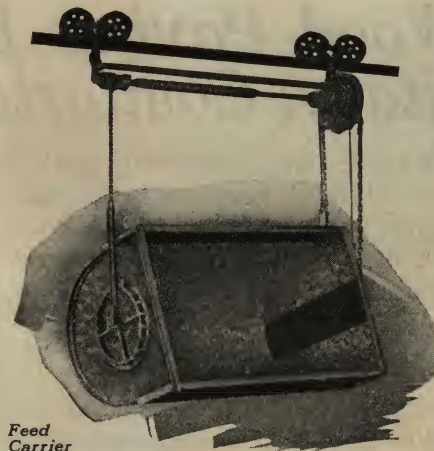
Litter Carriers and Feed Carriers

Litter and Feed Carriers are the very latest type having every proven device for the quick and easy carrying and clean dumping of contents. Workmanship on these carriers is of the very finest. Steel Channel or Rod Tracks with all necessary hangers, curves, cranes, switches, track connections and anchors are furnished in connection with Carriers.

Water Bowl

We have an especially satisfactory and successful design of water bowl. Gravity System with the simple governing tank keeps the water at proper level at all times.

Send for our Barn Equipment Circular which gives full information about each item pictured on these two pages.



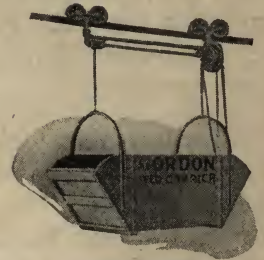
Feed Carrier
12-22 Bu. Capacity Carrier No. 3A3107



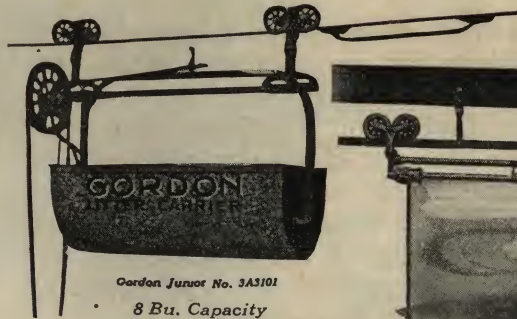
Automatic Carrier No. 3A3105
8 Bu. Capacity



Feed Truck
No. 3A311 16-22 Bu. Capacity



Carrier No. 3A3109
16 Bu. Capacity



Gordon Junior No. 3A3101
8 Bu. Capacity



Fig. 10A



Litter Carrier No. 3A3103
12 Bu. Capacity

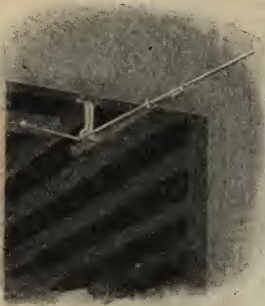
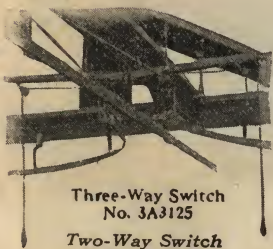


Fig. 20A



Crane No. 3A3132

Gordon Litter and Carrier Track Fixtures



Three-Way Switch
No. 3A3125

Two-Way Switch
is No. 3A3126



Fig. 5B



Gordon Steel Track No. 3A3113

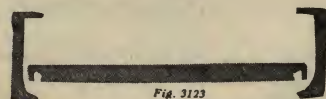
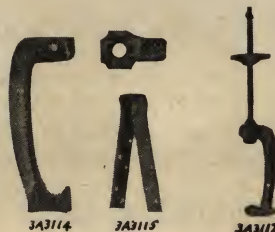


Fig. 3123



Fig. 5A

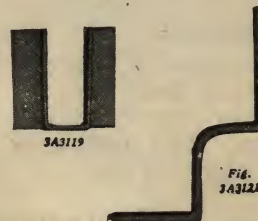


3A3114

3A3115

3A3117

Hangers



3A3119

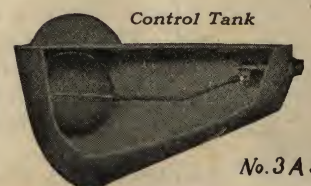
Fig. 3A3127

Gordon Water Bowl

No. 3A3160-a



Water Bowl



Control Tank

No. 3A3160b



Gordon Wood Paving Blocks Make Your Floors Sanitary, Comfortable and Everlasting

GORDON blocks are impregnated with a preservative oil that is also a disinfectant. The blocks are practically proof against decay, and due to the disinfectant they are avoided by vermin and germs of infectious diseases.

Floors built of Gordon blocks are durable, sanitary, and comfortable to stand or lie on. The grain of the wood, when laid, is perpendicular and the wear is on the end of the grain the same as on the end of a mallet. Floors laid with these blocks ten years ago are in perfect order and no repairs have been necessary.

Gordon blocks should be laid with $\frac{1}{8}$ -inch spacing all around. This small crack is filled with our prepared filler. This pitch filler gets down between the blocks and binds them together in a firm, solid wearing surface. Gordon blocks are all $2\frac{1}{2}$ inches thick, width and length varying from 2 x 6 to 4 x 10, all blocks furnished for one job being of the same size.

Block floors are best when laid on a light concrete base. Full directions for laying these blocks are given in "Book of Instructions" which is furnished to every purchaser of a Gordon-Van Tine Barn. The concrete under cow stalls or in piggery need not be more than $2\frac{1}{2}$ inches thick; under horses, or where subjected to heavy wear, 3 inches thick. One-half-inch layer of sand is put on top of the concrete and the blocks laid and interstices filled with our prepared filler. Any handy man can do the work.



This illustration shows method of laying. Cracks are filled with pitch filler, which allows for contraction and expansion.

We will estimate the number of these blocks required for your stall and pen floors and advise you of their cost, including the necessary bituminous filler for the cracks.



Gordon Block 3A3065

Write Us for Prices

"Jap-a-Top" SLATE SURFACED Roofing

Fire Resistant—Guaranteed for 15 Years \$1 95
Ideal For Farm Use PER ROLL

Jap-a-Top Roofing is especially suitable for the farm because *sparks can't set it afire*. Made of long fibre felt saturated with pure asphalt into which is embedded a thick coating of slate.

Color Permanent

Jap-a-Top is a non-conductor of heat and cold. The colors are a natural dark red or sea green. They will not fade or run, neither will snow or rain affect them. This roofing is absolutely *free from coal tar*.

Guaranteed for 15 Years

We have no hesitancy in guaranteeing this superior roofing for 15 years because we know it will give excellent satisfaction for that length of time and probably longer.

Easily Applied

This roofing is easily applied. It comes in rolls of 108 square feet per roll, which covers 100 square feet of roof allowing for an overlap of seams. We furnish large headed, galvanized roofing nails, and sufficient cement with each roll.

5A2059—Dark Red

WEIGHT PER ROLL 85 LBS.

5A2065—Dark Green

Shipped from Davenport, Chicago, Cincinnati, Kansas City, or Factory in New York.



Views of GORDON- VAN TINE Yards, Mills and Offices



Gordon-VanTine Co. Davenport, Iowa.

Gordon VanTine Farm Buildings



Gordon-VanTine Co.
Davenport, Iowa
U . S . A

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